MEN OF AGRICULTURE & VETERINARY SCIENCES IN INDIA

1965 - 66

PREMIER PUBLISHERS (INDIA)

Donated By
Mr. S E. Oonnithan, M.D.
305-Sixth Main Road,
HAL II Stage, Bangalore-560 038.

MEN OF AGRICULTURE & VETERINARY SCIENCES IN INDIA

For inclusion in the

SECOND ENLARGED EDITION

OF THIS VOLUME

(*Now under compilation*)

Please refer to

THE DATA FORM

on Pages 15 and 16

For further details

and

free literature

please write to

THE MANAGING EDITOR

PREMIER PUBLISHERS (INDIA)

Post Box 2578
9/6601 DEV NAGAR KAROL BAGH
NEW DELHI 5

N.B. *It has been reported that a 99-percent copy of our literature is being used by some other party for inviting inclusions in some similar title. Worthy listers and our incoming biographees are requested to check up our address before attending to.*

MEN OF AGRICULTURE & VETERINARY SCIENCES IN INDIA

(DISTINGUISHED WHO'S WHO)

Compiled by
C. L. KHOSLA
Edited by
RAJ K. KHOSLA

1965-66

PREMIER PUBLISHERS (INDIA)
POST BOX 2578, 9/6601 DEV NAGAR
KAROL BAGH NEW DELHI 5

PUBLISHED BY :
CHAMAN LAL KHOSLA
Managing Editor & Partner for
PREMIER PUBLISHERS (INDIA)
Post Box 2578
9/6601 Dev Nagar
Karol Bagh New Delhi 5

© **COPYRIGHT 1965 BY :**
PREMIER PUBLISHERS (INDIA)

MANAGING PARTNER :
CHAMAN LAL KHOSLA

PARTNERS :
RANVIR PURI
RAJINDER PAUL CHODHA

PRICE :
Rs 50·00

EDITION :
FIRST 1965-66

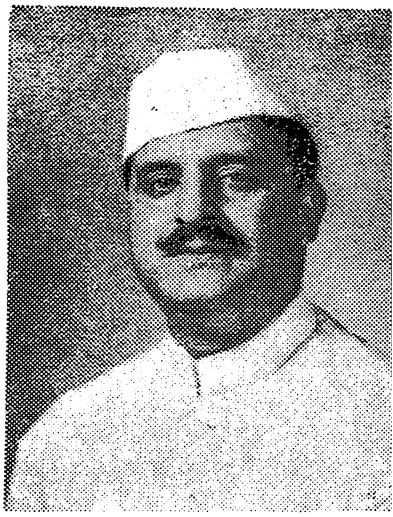
PRINTED AT :
CLARIDGE'S PRESS
New Delhi 5
Phone : 53080

our humble contribution
to
THE NATIONAL DEFENCE FUND

10 percent of the entire sale proceeds of this volume realised through its supply to institutions and libraries has been donated to National Defence Fund

The Prime Minister has.....
.....and is pleased to know that you are bringing out a reference volume 'Men of Agriculture & Veterinary Sciences in India'. He hopes that this will prove a useful compendium, and sends you his good wishes for its success. He is also pleased to note that 10% of the entire sale proceeds of this volume realised through its supply to institutions and libraries would be donated to the National Defence Fund.

Sd
Rajeshwar Prasad
Joint Secretary to the Prime Minister



उप कृषि मन्त्री, भारत सरकार
Dy. MINISTER FOR AGRICULTURE
GOVERNMENT OF INDIA
New Delhi

3rd October, 1965.

I am very glad to learn that M/s. Premier Publishers (India), Dev Nagar New Delhi-5, are bringing out a reference volume 'Men of Agriculture & Veterinary Sciences in India'. Their venture is to be welcomed as it would lead to a closer association between the Scientists and Technologists in the field of agriculture and veterinary sciences and the common farmer in the field. In the past, this close association has been lacking and M/s. Premier Publishers (India) are to be congratulated for taking this step.

Shahnawaz Khan

(Shah Nawaz Khan)
Deputy Minister for Agriculture.

Dedicated to the memory of those who sacrificed their lives for the national defence and international peace. Their heroic contribution towards maintenance of independence and dignity of the motherland shall be remembered by the generations to come.

—C. L. KHOSLA

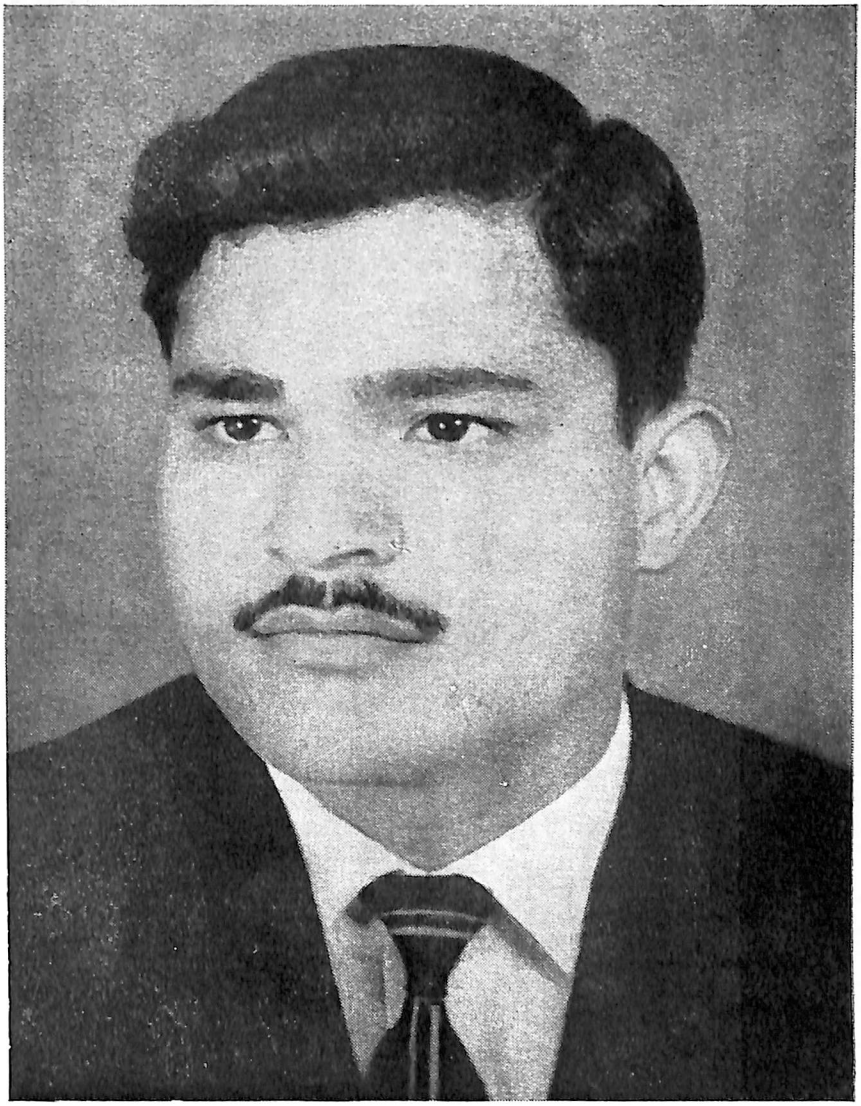
EDITOR'S NOTE

The nation is, today, faced with the demon of agression and the duration of combat cannot be assessed. Possibility of its being prolonged is not ruled out. While our Jawans are facing the challenge with full determination and making unprecedented sacrifices towards up-keeping the dignity & sovereignty of the motherland, every Indian is expected to do his duty.

Self-sufficiency in the dire necessities, atleast, is the need of the hour. We cannot afford to wait and look upon others for our daily requirements. We shall have to exploit our potentialities from within our own resources.

The nation calls upon its scientists and technologists particularly in the field of Agriculture to contribute their share towards the national build-up. In their talented skill and adequate knowledge of modern techniques, the Country has full confidence of achieving the goal of self-sufficiency in Food—a vital must for the survival and prosperity of the country.

—RAJ K. KHOSLA



The Editor

CONTENTS

Serial			Page
A	...	...	17—23
B	...	...	24—38
C	...	...	39—47
D	...	...	48—59
E	...	...	60
F	...	...	61—62
G	...	...	63—76
H	...	...	77—80
I	...	...	81
J	...	...	82—86
K	...	...	87—104
L	...	...	105—107
M	...	...	108—124
N	...	...	125—135
O	...	...	136
P	...	...	137—151
R	...	...	152—170
S	...	...	171—209
T	...	...	210—217
U	...	...	218—220
V	...	...	221—226
W	...	...	227
Y	...	...	228
Z	...	...	229
Addenda	...	...	231—264
Names Index	...	...	265—275
Subject Index	...	...	277—288

Donated By
Mr. S E. Oonnithan, [illegible]
305-Sixth Main Road
HAL II Stage, Bangalore-[illegible]

PREFACE

Since more than eighty percent of our people are wedded to this profession, 'Agriculture' is admittedly the back-bone of our nation. It is this source, through which, the teeming millions of our people pulsate and vibrate with life. In this era of scientific competence, Agriculture in India has been technically overhauled with a view to increasing the production and thereby feeding the rapidly growing mouths. Technical know-how in this field which was hitherto being obtained from overseas, has been developed in India to an extent that the nation can, today, be proud of its Men of Agriculture & Veterinary Sciences.

Full credit, however, goes to the scientists who are responsible for culminating this atmosphere of improved competence in the field of agriculture. We would be doing injustice to these nation-builders if we fail to highlight their achievements in their respective branches of agricultural learning and apprise the public with the national progress. It was this conviction and the absence of a really good directory on the subject that set the Publishers of 'Men of Agriculture & Veterinary Sciences in India' think about bringing out a comprehensive and up to date directory of such personnel and undertake the task in spite of all the complications involved therein.

To get the relevant data of the Nation's Agricultural and Veterinary Scientists, was a stupendous task but the Publishers' belief in the urgent need for such a book put them to surmount all the obstacles. After collecting the respective addresses from all possible sources, a fact-gathering data form was sent to over 28 000 scientists and quite a number of them was received back complete in every respect. Every care was taken to approach only those persons who merit to be included in the book. After scrutinizing the respective data furnished by the biographees, worthy listers were generally sent edited and consolidated proofs of their bio-sketch for approval with a view to avoiding any error of omission or commission. The amount of labour and effort involved in this respect needs no mention.

While making efforts to include all notable and renowned personnel, due consideration has been given to the inclusion of young professionists, who with each passing season, are marching towards the fullest stature of notability and fame.

The basic policy of the Publishers to include only those who would supply the data under their own hands, has undoubtedly, deprived the volume of a section of notable persons worthy of inclusion. This is obviously due to the reason that we could not compel those who did not respond to our call. We are, however, confident that in appreciation of our genuine efforts this time, such personnel shall extend us a hand of co-operation in the compilation of subsequent enlarged editions of this volume.

In some cases, the inclusions could not be incorporated in the main printing due to late arrivals of biographies, belated

approval of sketch proofs & supply of photographs and other technical reasons. These, however, appear in the 'Addenda' which may be treated as an equally important part of the main volume. All such entries have, however, been duly taken into account while preparing the two indexes.

We are very much indebted to the Council of Scientific & Industrial Research, and the authorities of the universities, educational & research institutions for their valuable co-operation extended to us by providing the addresses of the biographees.

This edition (1965-66) of 'Men of Agriculture & Veterinary Sciences in India' contains authenticated and most up to date information (corrected up to 20 September 1965), arranged alphabetically (however, in some cases technical reasons and printing difficulties compelled departure from this practice) and indexed for easy and quick reference has had the services and attention of a most enthusiastic and devoted staff and to them we are deeply grateful specially to Miss Santosh Kalhan and Shri Gurmukh Singh. We are thankful to Shri M.K. Gaur, Shri Prem Kumar Wadhwa and Shri B. S. Bhatnagar for their valuable assistance in the production of this volume.

Our endless appreciations are reserved for those who may offer any constructive suggestions for the improvement of the future editions of this volume, a humble contribution to the Reference World.

27 Sep 1965

C. L. Khosla

GENERAL ABBREVIATIONS

Add	Address
Admn	Administration
A.H	Animal Husbandry
A.P	Andhra Pradesh
Agri	Agriculture
Agrl	Agricultural
Apr	April
Assn(s)	Association(s)
Asso(s)	Associate(s)
Aug	August
Av'ble	Available
b	Born
B.H Univ	Banaras Hindu University
Care / C/o	Care of
Cert	Certificate
Coll(s)	College(s)
Constn	Construction
Dec	December
Deptt(s)	Department(s)
Dip	Diploma
Distt	District
Edn	Education
Elect	Electrical
Engg	Engineering
Engr(s)	Engineer(s)
Exam(s)	Examination(s)
Exec	Executive
Exp	Experience
Feb	February
Genl	General
Govt	Government
Gynae	Gynaecology
H.P	Himachal Pradesh
Hobb	Hobbies
Hons	Honours
Hony	Honorary
Hort	Horticulture
Inst(s)	Institute(s)
Instn(s)	Institution(s)
J & K	Jammu & Kashmir
Jan	January
Jr	Junior
Jt	Joint
Jul	July
Jun	June
Lab(s)	Laboratory(ies)
Lib Sc	Library Science
M.P	Madhya Pradesh
Mar	March
Maths	Mathematics
Mech	Mechanical
Mem	Member
Nov	November
Obst	Obstetrics
Oct	October
P.H	Public Health
P.O	Post Office
Pak	Pakistan
Poly	Polytechnic
Pres	President
Prof	Professor
Resch	Research
Rly	Railways
S.V Univ	Sri Venkateswara University
Schl(s)	School(s)
Secy	Secretary
Sep	September
Specln	Specialized in
Sr	Senior
Struct	Structural
Supdt	Superintendent
Supdtg	Superintending
Tech	Technical
Techy	Technology
Trg	Training
UK	United Kingdom
U.P	Uttar Pradesh
US	United States
USA	United States of America
USSR	Union of Soviet Socialist Republic
Univ(s)	University(ies)
Vety	Veterinary
Vill	Village
Vol(s)	Volume(s)
W.B	West Bengal

DEGREE ABBREVIATIONS

BA	Bachelor of Arts
BAg	Bachelor of Agriculture
BCom	Bachelor of Commerce
BEd	Bachelor of Education
BL	Bachelor of Law
BLibSc	Bachelor of Library Science
BPharm	Bachelor of Pharmacy
BS	Bachelor of Science/Surgery
BSc	Bachelor of Science
BSc (AH)	Bachelor of Science in Animal Husbandry
BT	Bachelor of Teaching
BTech	Bachelor of Technology
BText	Bachelor of Textiles
BVSc	Bachelor of Veterinary Science
BVSc & AH	Bachelor of Veterinary Science & Animal Husbandry
DLitt	Doctor of Literature
DPh	Doctor of Philosophy
DPhil	Doctor of Philosophy (Docteur en Philosphie)
Dr-Ing	Doctor of Engineering
DSc	Doctor of Science
EdD	Doctor of Education
LittD	Doctor of Literature
LLB	Bachelor of Law
LLD	Doctor of Law
LLM	Master of Law
MA	Master of Arts
MAg	Master of Agriculture
MB	Bachelor of Medicine
MCom	Master of Commerce
MD	Doctor of Medicine
MEd	Master of Education
ML	Master of Law
MLibSc	Master of Library Science
MO	Master of Obstetrics
MPharm	Master of Pharmacy
MS	Master of Science/Surgery
MS (Lib Sc)	Master of Library Science
MSc	Master of Science
MTech	Master of Technology
MVC	Master of Veterinary Surgery
MVSc	Master of Veterinary Science
PhD	Doctor of Philosophy
ScD	Doctor of Science

DIPLOMA & CERTIFICATE ABBREVIATIONS

DA	Diploma in Anaesthetics/Anaesthesia
DCH	Diploma in Child Health
DCP	Diploma in Clinical Pathology
DOG	Diploma in Gynaecology Obstetrics
DIC	Diploma of Membership of Imperial College of Science and Technology (London)
DipLibSc	Diploma in Library Science
DLO	Diploma in Laryngology and Ophthalmology
DO	Diploma in Ophthalmology
DTD	Diploma in Tuberculosis/Tuberculous Diseases
DTM	Diploma in Tropical Medicine
DTM & H	Diploma in Tropical Medicine and Hygiene
LMS	Licentiate in Medicine and Surgery
TDD	Diploma in Tubercular/Tuberculous Diseases

MEMBERSHIPS AND FELLOWSHIPS

AMIE	Associate Member of Institution of Engineers
FACD	Fellow of the American College of Dentists
FACP	Fellow of the American College of Physicians
FLA	Fellow of the Library Association
FLS	Fellow of the Linnean Society
FRCP	Fellow of the Royal College of Physicians
FACS	Fellow of the American College of Surgeons
FRCS	Fellow of the Royal College of Surgeons
FRCVS	Fellow of the Royal College of Veterinary Surgeons
FRS	Fellow of the Royal Society
FRSL	Fellow of the Royal Society of Literature
MIE	Member of the Institution of Engineers
MRCP	Member of the Royal College of Physicians

Premier Bio-Sketch Inclusion Data Form

1. Name Mr / Mrs / Miss _____ Last _____ First _____ Middle

2. Date and Place of Birth _____

3. Address (Present) _____

_____ District _____ State

4. Address (Permanent) _____

_____ District _____ State

5. Marital Status Single Married

6. Academic Qualifications

Year	Degree or Diploma	University

7. Present Position Held _____
(State Designation and Address of the Office)

8. Previous Positions Held

Date		Position Held
From	To	

9. Publications (if any)

(i) Technical Books _____

(ii) Papers in Scientific/Technical Journals _____

(iii) Other Writings _____

(iv) Important Technical Reports _____

10. Working Knowledge of Languages

Indian	*Foreign*
(i) _____	(i) _____
(ii) _____	(ii) _____
(iii) _____	(iii) _____
(iv) _____	(iv) _____

11.

Foreign Countries	Period		Purpose
	From	To	

12. Membership, etc of Scientific/Technical and Professional Societies

(i) _____

(ii) _____

(iii) _____

13. Specialisations _____

14. Hobbies _____

15. Are You Available for Employment Abroad _____

(If yes, state minimum notice period required)

16. Names of other Biographical Directories You are Listed in _____

_____

17. Printing of Photograph alongwith the sketch _____

(If yes, please send Rs 10 engraving charges also) Yes No

18. Any other information.

Note : For more space, extra sheets may be attached.

Signature of the Biographee

A

ABDUR REKIB; Sr Resch Fellow (ICAR) Post-Grad Coll Indian Inst of Vety Resch, Izatnagar; *b* 4 Jan 1938, Kopa (W.B); *Edn* BVSc & AH (Hons in Organic & Physical Chemistry) Calcutta Univ 1960, MVSc Agra Univ 1962, PhD thesis being submitted in Sep 1965 to Agra Univ; *Exp* Poultry Supervisor Tollygunge Poultry Farm, Calcutta 1962-63; *Mem* Indian Science Congress Assn; *Pub* Two review articles and three papers published in journals of repute; *Specln* Animal Nutrition (Biochemical Studies), Bioenergetics & Rumen Metabolism and Enzyme Study; *Hobb* Reading new publications; *Av'ble* for employment abroad (notice—one month); *Add* Vill Kopa, P.O Chatra, Distt Birbhum (W.B).

ABRAHAM, (DR) A; Prof Genetics & Head Botany Deptt Kerala Univ since 1962; *b* 25 May 1914 (Kerala); *Edn* BSc, MA & MSc Madras Univ 1933, 1935 & 1937, PhD Cornell Univ (USA) 1947; *Exp* Plant Geneticist Travancore Univ 1948-49, Prof Botany Travancore Univ 1949-62; *Mem* Sigma Xi Socy (USA); *Fellow* Indian Academy of Sciences; *Pub* Several original papers on Genetics, Cytology and Plant Breeding; *Visited* UK, USA, Japan, Philippines and Malaysia; *Knows* French; *Specln* Genetics and Plant Breeding; *Add* Botany Department, Kerala University, Trivandrum 1 (Kerala).

ABRAHAM, (DR) T. A; Lecturer Botany Deptt Kerala Univ, Calicut since 1963; *b* 20 Oct 1932, Mylapra (Kerala); *Edn* BSc Madras Univ 1955, MSc Boston Coll, Mass (USA) 1958, PhD Ohio State Univ (USA) 1962; *Exp* Teacher S.H High Schl, Mylapra 1955-56, Lab Asst Boston Coll, Boston (USA) 1956-58, Grad Asst Ohio State Univ (USA) 1958-59, Resch Asst Ohio Agri Exp Stn, Wooster, Ohio (USA) 1959-62, Pool Officer St Berchman's Coll, Changanacherry (Kerala) 1962-63; *Ex-mem* American Phytopathological Socy, American Inst of Biological Sciences and The Sigma Xi Socy; *Pub* One paper entitled 'Activity of Actinomycetes from Rhizosphere and Nonrhizosphere Soils of Corn and Soybeam in Four Physiological Tests' published in Canadian Journal of Microbiology, MSc thesis on 'Radiation Effect on Mitosis' and PhD dissertation on 'Soil Microbiology-Physiology of Actinomycetes'; *Visited* USA and Great Britain; *Knows* French, German and Latin; *Specln* Plant Pathology; *Hobb* Stamp & coin collection; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr T. A Abraham, Thengumthara Medayil, Mylapra (Kerala).

ABROL, (DR) INDER PAL; Soil Physicist Punjab Agrl Univ, Hissar since 1964; *b* 13 Mar 1939, Lahore (W.Pak); *Edn* BSc Panjab Univ 1957, Asso IARI and PhD Indian Agrl Resch Inst, New Delhi 1959 and 1962; *Exp* Asst Soil Chemist Punjab Agrl Univ, Ludhiana 1963-64; *Mem* Indian Socy of Soil Science and International Socy of Soil Science; *Visited* Israel; *Knows* German and Hebrew; *Specln* Soil Physics and Soil Chemistry; *Hobb* Maintaining a personal library; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* No. 3389, Sector 19-D, Chandigarh (Punjab).

AGARWAL, GANGA SHARAN; Agrl Information Officer (H.P), Simla since 1960; *b* 13 Jun 1931, Tajpur (Mathura); *Edn* BSc (Agri) Agra Univ 1952, MSc Allahabad Univ 1955, 'Leader in Mass-Communications' Indiana Univ (USA) 1964; *Mem* National Educational Assn of USA, Washington (DC); *Secy* Press & Information Club, Simla; *Jt-Secy* Simla Assn for the Advancement of Agrl Sciences, Simla; *Pub* Book on 'Earth Worms in Agriculture' (in press), various Agrl Brochures and Bulletins, many articles in newspapers and journals, Chief Editor 'Himachal Krishi Soochna' (A Hindi Monthly); *Visited* USA, UK, France, UAR, Italy and W. Germany; *Specln* Tech Publicity; *Hobb* Literary and social welfare activities; *Av'ble* for employment abroad (notice—three months); *Listed* 'Who's Who of Allahabad Univ' and 'Jawahar Jubilee Souvenir'; *Add* Care Shri Ramsharan Lal Agarwal, Ferozabad, Distt Agra (U.P).

AGARWAL, (DR) JAGDISH PRASAD; Vice-Principal, Prof & Head Agronomy Post-Grad Deptt R.M.P Coll, Narsan (Saharanpur) since 1960; *b* Apr 1934, Atrauli (U.P); *Edn* BSc (Agri), MSc (Agronomy) and PhD Agra Univ 1952, 1954 and 1965; *Exp* Asst Prof Agronomy B.R Coll, Agra 1954-58, Prof Agronomy R.M.P Coll, Narsan 1958-59, Principal G.A Degree Coll, Rampur 1959-60; *Mem* Indian Socy of Agronomy; *Pub* 'Manures & Fertilizers' (in collaboration) and about two dozen papers in scientific journals of repute; *Specln* Agronomy; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Care Shri S. R Agarwal, Mohalla Khattri Para, Aligarh (U.P).

AGARWAL, (DR) RAM AUTAR; Entomologist Incharge Sugarcane Sub-Stn, Yamunanagar since 1964; *b* 11 Dec 1925, Sambhal (U.P); *Edn* BSc (Agri) Agra Univ 1944, Asso IARI 1952, PhD Louisiana State Univ (USA) 1963; *Exp* Sr Entomological Asst (U.P) 1945-55, Entomologist Sugarcane Breeding Inst, Coimbatore 1955-63; *Mem* Entomological Socy of India and Entomological Sub-Committee on Sugarcane; *Pub* 40 resch papers in journals of repute, review on Sugarcane Entomology Works done in India during the last 50 years; *Visited* USA, UK, France, Germany, Italy and Switzerland; *Knows* German; *Specln* Insect Toxicology and Toxonomy; *Hobb* Reading; *Av'ble* for employment abroad (notice—one

month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri J. S Agarwal, C-18 Gandhinagar, Moradabad (U.P).

AGARWAL, SURESH CHANDRA; Plant Protection Officer Govt of India, Min of Food & Agri, Agri Deptt Directorate of Plant Protection, Quarantine & Storage Central Plant Protection Stn, Jhingnagar, Bihar Sharif, Distt Patna since 1957; *b* 24 Oct 1925, Gulaothi, Distt Bulandshahr (U.P); *Edn* BSc (Agri) and MSc (Agri Zoology) Agra Univ 1949 and 1951; *Exp* Jr Plant Protection Asst under the Entomologist to Govt of U.P, Kanpur 1951-56, Cane Protection Inspector under Cane Commissioner (U.P) 1956-57; *Pub* Two tech reports on 'Stored Grain Pests & Their Control' and 'Survey of Water Hyacinth Weed in W.Bengal'; *Specln* Entomology and Plant Protection; *Hobb* Resch, teaching and production; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* Kamla Kuteer, Gulaothi, Distt Bulandshahr (U.P).

AGARWAL, SUSHIL KUMAR; Lecturer Agronomy Coll of Agri, Hissar; *b* 10 Dec 1943, Fatehganj East (U.P); *Edn* BSc (Agri) and MSc (Agrl Agronomy) Agra Univ 1962 and 1964; *Pub* MSc thesis; *Specln* Agronomy; *Hobb* Studying; *Av'ble* for employment abroad after Aug 1966 (notice—two months); *Add* P.O Fatehganj East, Distt Bareilly (U.P).

AGARWAL, YATENDRA KUMAR; Sr Scientific Asst (Survey & Planning in Agri) CSIR, New Delhi; *b* 1 Jul 1942, Jhalu, Distt Bijnor; *Edn* BSc (Agri) and MSc (Agrl Botany) (Merit Scholarship Holder) Agra Univ 1960 and 1962 (Won Prizes in Coll Debates & Essay Competitions); *Exp* Sr Resch Asst 1962-63, Sr Resch Asst Govt Regional Agrl Resch Stn, Meerut 1963-65; *Mem* Indian Socy of Genetics & Plant Breeding and Assn of Scientific Workers of India; *Ex-mem* Editorial Board of Govt Agrl Coll Journal and various scientific societies & Assn of the Coll; *Pub* Five papers, as many popular articles and two important tech reports; *Specln* Agri (Genetics & Plant Breeding) and Resch; *Hobb* Reading of tech books & reports, games and sports; *Av'ble* for employment abroad (notice—one month); *Add* Survey & Planning of Scientific Research, Room No. 23, CSIR, Rafi Marg, New Delhi 1.

AGARWAL, (DR) RADHA KRISHAN; Sr Plant Pathologist (H.P), Mashobra, Simla since 1962; *b* 4 Sep 1929, Buland Shahr (U.P); *Edn* BSc (Agri) Agra Univ 1950, MSc (Agrl Botany) and DPhil Allahabad Univ 1952 and 1955; *Exp* Asst Plant Pathologist Regional Fruit Resch Stn, Mashobra, Simla 1960-62; *Mem* Indian Phytopathological Socy and Socy of Agrl Scientists, Simla; *Pub* Fourteen resch papers published in reputed

scientific journals, six other writings, as also several tech reports pertaining to Diseases of Temperate Fruit Trees; *Specln* Plant Pathology-Fruit Diseases (mainly Temperate Fruits); *Hobb* Photography; *Av'ble* for employment abroad (notice—two to three months); *Add* Care Shri R. G Agarwala, 485 Sahukara, Bareilly (U.P).

AGASHE, (DR) SHRIPAD NARAYANRAO; Lecturer Botany Shivaji Univ, Kolhapur (Maharashtra) since 1964; *b* 30 Dec 1939, Poona; *Edn* BSc Osmania Univ 1959, BSc (Hons) & MSc Poona Univ 1960 & 1961, PhD Washington Univ (USA) 1964; *Pub* Article on 'A New Sporangium from the American Carboniferous' (in collaboration with Prof H. N Andrews) in 'The Palaeobotanist (1962)'; *Visited* England; *Specln* Palaeobotany and Plant Fossils of Carboniferous Period; *Knows* French; *Hobb* Tennis, cricket, table-tennis, photography and swimming; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Mrs Indirabai N. Agashe, 126 New Osmanpura, Aurangabad (Maharashtra).

AGRAWAL, (DR) BABU LAL; Agrl Economist Indian Agrl Resch Inst, New Delhi since 1962; *b* 12 Jan 1926, Sikroada (U.P); *Edn* BSc (Agri) & MSc (Agrl Economics) Agra Univ 1947 & 1949, PhD Cornell Univ (USA) 1958; *Exp* Farm Management Specialist & Director Trg Supervised Credit, Indian Co-operative Union, New Delhi 1958-60, Rural Credit Officer Agrl Credit Deptt Reserve Bank of India 1960-62; *Mem* International Assn of Agrl Economists, American Farm Economic Assn and Indian Socy of Agrl Economics; *Pub* Edited a tech book, eight papers published in journals of repute and one popular article; *Visited* USA, UK, Denmark, West Germany, Switzerland and Italy; *Knows* Spanish; *Specln* Farm Finance, Farm Management & Production Economics, Marketing and Co-operation; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Sikroada, Fatehpur Sikri, Distt Agra (U.P).

AGRAWAL, (DR) VED PRAKASH; Prof & Head Zoology Deptt D.A.V Coll, Muzaffarnagar since 1950; *b* 22 Mar 1962, Meerut (U.P); *Edn* BSc & MSc Agra Univ 1945 & 1947, PhD London Univ 1958; *Exp* Lecturer Meerut Coll, Meerut 1948-50; *Mem* National Academy of Sciences, Zoological Studies in India and Marine Biological Assn (UK); *Fellow* Linnean Socy (London), Zoological Socy (London) and Academy of Zoology; *Pub* About 45 resch papers in different scientific journals; *Specln* Animal Physiology and Fisheries; *Hobb* Photography; *Av'ble* for employment abroad (immediately); *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Professor of Zoology, D.A.V College, Muzaffarnagar (U.P).

AHLUWALIA, SAHEB SINGH; Asst Prof Preventive Medicine U.P Vety Coll, Mathura since 1964; *b* 5 Apr 1929, Sialkot (W.Pak); *Edn* BVSc & AH

and MVSc Agra Univ 1952 and 1959, MS Univ of Illinois (USA) 1963, Advanced Trg in Public Health Univ of Minnesota (USA) 1963, Advanced Trg in Vety Public Health and Medical Parasitology US Public Health Service 1963; *Exp* Demonstrator in Medicine and Resch Officer U.P Vety Coll, Mathura 1952-59 and 1959-64; *Mem* American Socy of Tropical Medicine and Hygiene; *Pub* 17 resch papers in Parasitology published in journals of repute; *Visited* USA; *Knows* Persian; *Specln* Parasitology and Vety Public Health; *Hobb* Photography; *Av'ble* for employment abroad (notice – three months); *Add* 3/5030 Santnagar, Karolbagh, New Delhi 5.

AHUJA, LAJPAT RAI; Asst Prof Agri Himachal Agrl Coll, Solan since 1962; *b* 5 Aug 1935, Nurpur (W.Pak); *Edn* BSc (Agri) (Hons) Delhi Univ 1954, MSc (Agronomy) I.A.R.I, New Delhi 1961, doing PhD; *Exp* Resch Asst & Agrl Inspector (H.P) 1954-61, Regional Potato Development Officer (H.P) 1961; *Mem* Indian Science Congress and Indian Socy of Agronomy; *Pub* Six papers in scientific journals and six tech reports; *Specln* Soil Fertility with special reference to Micro-Nutrients; *Hobb* Tennis, general reading and touring; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 9C Rajpur Road, Delhi 6.

ALMAULA, PUNDRICK ISHVERLAL; Private Horticultural Farm & Nursery Owner since 1961; *b* 20 Oct 1930; *Edn* BSc (Agri) Gujarat Univ 1956, MS (Horticulture) Kansas State Univ (USA) 1960; *Exp* Trainee Apprentice Canning Co, California Aug-Sep 1960, Trainee Apprentice in a Commercial Nursery and Ocrchid House, New York Jan-Mar 1961 and Mar-Aug 1961; *Mem* Royal Horticulture Socy and Young Farmers' Assn (India); *Tech Mem* Gujarat Horticulture Assn; *Visited* USA, Sweden, Denmark, Holland, France, England and Switzerland; *Specln* Pomology; *Hobb* Photography and sports; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 91 Zenia-Abad, Little Gibbs Road, Malabar Hills, Bombay 6 (Maharashtra).

AMBASHT, (DR) RADHEY SHYAM; Lecturer Botany Deptt B.H Univ; *b* 3 Dec 1936, Gyanpur (Varanasi); *Edn* BSc Agra Univ 1954, MSc Botany (1st class 1st), Dip Modern European Language (German) and PhD B.H Univ 1957, 1960 and 1963; *Mem* Indian Botanical Socy, National Academy of Sciences (India) and Indian Science Congress Assn; *Pub* 14 resch papers in scientific journals of repute, three more (under publication), two popular articles and a few Botanical articles (in press), Hindi Encyclopaedia; *Specln* Plant Ecology; *Hobb* Plant collection, photography, games and sports; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Guru Narain Lal, Gyanpur, Distt Varanasi (U.P).

ANAND, G. P SINGH; Asst Virus Pathologist Mycology Div Indian Agrl Resch Inst, New Delhi since 1959; *b* 14 Nov 1930, Delhi; *Edn* MSc (Hons) Panjab Univ 1954; *Exp* Resch Asst 1954-59; *Mem* Indian Phytopathology Assn; *Pub* Nine papers published in journals of repute; *Specln* Plant Virus Pathology and Systematic Mycology; *Hobb* Tennis, coin-collection and photography; *Av'ble* for employment; *Listed* National Register (CSIR); *Add* 12 Shanti Niwas, Janpath Lane, New Delhi.

ANANTHASAYANA, K; Asst Lecturer S.V Agrl Coll, Tirupati; *b* 15 Sep 1939, Kurnool; *Edn* BSc (Agri) Andhra Univ 1961, MSc (Agri) Madras Univ 1964; *Exp* Resch Asst 1961-62; *Specln* Agrl Resch; *Hobb* Sports and games; *Add* 46/521 Budavarpeta, Kurnool (A.P).

ANGELO, SYLVIAN JOSEPH; Asst Prof Surgery U.P Coll of Vety Science & Animal Husbandry, Mathura since 1959; *b* 28 Aug 1927, Bareilly (U.P); *Edn* BVSc & AH Agra Univ 1952, MRCVS Royal Vety Coll, London (UK) 1958, MS Univ of Illinois (USA) 1963; *Exp* Vety Asst Surgeon (U.P Govt) 1952-58; *Mem* Indian Vety Assn, Royal Coll of Vety Surgeons (UK) and American Vety Med Assn; *Pub* Three resch papers in journals of repute and one popular article; *Specln* Vety Surgery; *Hobb* Photography; *Av'ble* for employment abroad (notice--six months); *Listed* U.S.A.I.D Participants and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 173 Civil Lines, Bareilly (U.P).

ANTONY RAJA, BALASUNDERAM THOMAS; Asst Resch Officer Central Marine Fisheries Resch Inst, Kozhikode since 1959; *b* 24 Oct 1933, Port Dickson (Malaysia); *Edn* BSc (Hons), MA and MSc Madras Univ 1953, 1954 and 1956; *Exp* Resch Asst Central Marine Fisheries Resch Inst 1956-59; *Founder-Mem* Marine Biological Assn of India; *Pub* Four papers published in journals of repute, as also various articles & stories published in Tamil journals; *Specln* Fishery Biology; *Hobb* Poultry, gardening and journalistic writing; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* 20 Main Road, Roypuram, Madras 13.

APPADURAI, RAMIAH; Resch Asst Cytogenetics Agrl Coll & Resch Inst, Coimbatore; *b* 15 Dec 1927, Kallidai Kurichi (Madras State); *Edn* BSc (Agri) (Prize winner) and MSc (Agri) (first class) Madras Univ 1949 and 1961, Submitted PhD thesis 1965; *Exp* Millet Asst 1949-59; *Mem* Madras Agrl Journal; *Pub* Seven papers published in journals of repute and two theses for MSc and PhD; *Visited* Ceylon; *Specln* Cytogenetics & Plant Breeding; *Hobb* Drawing, painting, carving, moulding and music; *Add* 3/2/13 Vaithiappapuram, Kallidaikurichi, Distt Tirunelveli (Madras State).

ARORA, ANIL KUMAR; MVSc (final) Student U.P Agrl Univ since 1960;

b 1 Dec 1942, Allahabad; *Edn* BVSc & AH U.P Agrl Univ, Pantnagar 1964; *Exp* Attended Summer Schl in Microbiology held at Pantnagar in Jun 1965; *Mem* Indian Vety Journal; *Jr Resch Fellow* Indian Council of Agrl Resch, New Delhi; *Specln* Vety Bacteriology; *Hobb* Photography and touring; *Av'ble* for employment abroad (notice—one month); *Add* S/o Dr S. L Arora, Railway Road, Farrukhabad (U.P).

ARYA, (DR) HARISH CHANDRA; Reader Botany Rajasthan Univ since 1962; *b* 2 Jul 1925 (U.P); *Edn* MSc Agra Univ 1948, Asso IARI Indian Agrl Resch Inst, New Delhi, PhD Rajasthan Univ 1960; *Exp* Lecturer Botany Jaswant Coll, Jodhpur 1951-60, Project Asso Wisconsin Univ (USA) 1960-62; *Mem* Indian Phytopathological Socy, Indian Botanical Socy, American Phytopathological Socy and American Botanical Socy; *Pub* 40 resch papers in various scientific journals of repute; *Knows* French and Latin; *Visited* USA, England, France, Italy, Germany and Greece; *Specln* Mycology & Plant Tissue Culture; *Hobb* Photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Shyam Sunder Lal, P.O Bewar, Distt Manipuri (U.P).

ASKET SINGH (DR); Asst Prof Entomology Punjab Agrl Univ since 1965; *b* 28 Jul 1932; *Edn* MSc (Zoology) Panjab Univ 1954, PhD (Entomology) McGill Univ (Canada) 1964; *Exp* Curator Zoology Panjab Univ 1958-60; *Mem* Socy of Systematic Zoology, Royal Entomological Socy, London, Entomological Socy of India, Socy of Systematic Zoology and Indian Science Congress Assn; *Pub* Twelve resch papers published in leading journals; *Visited* Egypt, Italy, Greece, Austria, Switzerland, France, UK, Canada and USA; *Knows* French and German; *Specln* Entomology (Morphology, Toxonomy and Grasshoppers); *Hobb* Photography, philately and sketching; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 176 Adarsh Nagar, Jullundur City (Punjab).

AZAD, K. C; Asst Horticulturist (National Hortorium), Kotkhai (H.P) since Aug 1962; *b* 19 Apr 1935, Katara; *Edn* BSc (Agri) (Hons) Delhi Univ 1958, MSc (Agri) (Horticulture) Panjab Univ 1960; *Exp* Resch Asst Feb-Dec 1961, Horticultural Asst Jan-Jul 1962; *Mem* Himachal Fruit Development Board of the Journal 'Himachal Horticulture'; *Pub* Six papers on 'Horticultural Research' and four papers on varied subjects published in reputed journals, three tech reports of the scheme 'National Hortorium'; *Specln* Horticulture; *Hobb* Fruit production on scientific lines, paper writing, horse riding, etc; *Av'ble* for employment abroad (notice—six months); *Add* Vill & P.O Katara (Spail), Tehsil Rohry, Distt Mahesa (U.P).

B

BABU, (DR) COIMBATORE NARAYANASWAMI; Economic Botanist Sugarcane Resch Stn, Jullundur Cantt since 1965; *b* 3 Jan 1915, Distt Coimbatore; *Edn* BSc, MSc and PhD Madras Univ 1934, 1940 and 1962; *Exp* War Service 1943-46, Asst Director Civil Supplies 1946-49, Asst Sugarcane Expert Sugarcane Breeding Inst, Coimbatore 1958-62, Asst Botanist Sugarcane Sub-Stn, Karnal 1962-65; *Pub* Twenty papers published in journals of repute, as also four articles and two important tech reports; *Knows* French; *Specln* Sugarcane Breeding and Scientific Admn; *Hobb* Sports; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Himalya, Ponnurangam Road, R.S Puram, Coimbatore 2 (Madras State).

BABU, (DR) KROTTAPALLI SASIRA; Lecturer Zoology Deptt S.V Univ; *b* 12 Feb 1933, Amartalur (A.P); *Edn* BSc (Hons) Andhra Univ 1955, PhD S.V Univ 1962, Post-Doctoral Fellow Univ of California 1962-64; *Exp* Lecturer 1956-58, Govt of India Sr Resch Scholar 1959-62; *Mem* Sigma Xi (Univ of California); *Pub* A monograph, three papers published in journals of repute and three more under preparation; *Visited* USA; *Specln* Neuro-Anatomy and Neuro-Physiology; *Hobb* Electronics; *Av'ble* for employment abroad (notice—one year); *Add* P.O Amartalur, Taluq Tenali, Distt Guntur (A.P).

BADHE, NIWRYTI NARAYAN; Lecturer Coll of Agri, Nagpur; *b* 13 Oct 1926, Ruikhed (Maharashtra); *Edn* MSc Poona Univ 1952; *Mem* Journal of Indian Socy of Soil Science; *Specln* Soil Microbiology; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shri N. N Badhe, P.O Ruikhed, Distt Jalgaon (Maharashtra).

BAGDE, SUDHIR MAHADEO; Resch Asst Botany Deptt M.S Univ, Baroda; *b* 10 Sep 1939, Ahmednagar; *Edn* BSc (Hons) and MSc Poona Univ 1962 and 1964; *Exp* Jr Tech Asst Hindustan Antibiotics Ltd, Pimpri (Poona) Oct-Dec 1964, presently working for PhD (Baroda Univ) in 'Tissue Culture of Important Economic and Medicinal Plants'; *Mem* Maharashtra Vidnyan Mandir, Poona and German Language Socy, Baroda; *Pub* Preparing papers for publication; *Knows* German; *Specln* Mycology and Plant Pathology; *Hobb* Stamp collection and correspondence; *Av'ble* for employment abroad (notice—four months); *Add* 'Deepak', Bagadpatti, Ahmednagar (Maharashtra).

BAHADUR, (DR) JAGDISH; Lecturer Zoology Vikram Univ since 1961; *b* 12 Jan 1931, Sultanpur; *Edn* BSc, MSc and DPhil Allahabad Univ 1949, 1951 and 1960; *Exp* Lecturer Biology C.I Coll, Allahabad 1951-56, Lecturer Zoology D.A.V Coll, Muzaffarnagar 1960-61; *Mem* Entomological Socy of India, New Delhi and Current Science Assn, Bangalore; *Pub* Two books on Zoology (for Higher Secondary and BSc students) and ten papers in scientific journals of repute; *Knows* French; *Specln* Entomology and Helminthology; *Hobb* Photography; *Listed* 'Men of Sciences & Technology in India'; *Add* 18/C Tagore Town, Allahabad (U.P).

BALAM, (DR) BAXISH SINGH; Asso Prof of Soils Punjab Agrl Univ, Ludhiana since 1960; *b* 16 Aug 1930, Kukar Pind (Punjab); *Edn* BSc (Agri) & MSc (Agri) Panjab Univ 1951 & 1953, PhD (Soils) Ohio State Univ (USA) 1965; *Exp* Resch Asst Punjab Agri Deptt 1953-55, Asst Prof Soil Chemistry (Govts of M.P & Punjab) 1955-60, Asso Prof Soil Chemistry (Punjab Govt) 1960-65; *Mem* Indian Socy of Soil Science, Soil Science Socy of America and Sigma Xi; *Pub* Two papers in a scientific journal of repute, as also three other writings; *Visited* USA, England, France, Germany, Italy and UAR; *Knows* German and French; *Specln* Soil Fertility; *Hobb* Swimming and chess; *Add* Vill & P.O Kukar Pind, Distt Jullundur (Punjab).

BAMBA, VIRINDER SINGH; Studying Hons Schl Biochemistry Panjab Univ, Chandigarh; *b* 30 Nov 1937, Gujranwala (Pak); *Edn* BVSc & AH Punjab Agrl Univ 1963; *Exp* Vety Asst Surgeon (Punjab and H.P) for two years; *Pub* Resch paper on 'Fishery in India'; *Hobb* Debates and speeches; *Av'ble* for employment abroad (notice—one month); *Add* House No. 11, Tehsil Pura, Amritsar (Punjab).

BANERJEE, (DR) SANTOSH KUMAR; Sr Lecturer & Acting Head Deptt of Crop Protection Kwame Nkrumah Univ since 1961; *b* 1 Feb 1935, Mahesh (W.B); *Edn* BSc Calcutta Univ 1954, PhD Nottingham Univ (UK) 1960, FLS (London) 1961, FRES (London) 1962; *Exp* Demonstrator Univ of Nottingham (UK) 1956-58, Resch Asst McGill Univ (Canada) 1958-61; *Fellow* The Linnean Socy, London and the Royal Entomological Socy of London; *Pub* Two papers and five others (in collaboration) in various scientific journals of abroad; *Visited* Holland, UK, Canada, Russia and Italy; *Knows* French and German; *Specln* Agrl Entomology (Plant Protection); *Hobb* Close-range photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 8/16 Russa Road, Calcutta (W.B).

BANERJEE, ASIM KUMAR; Resch Officer (Engg) National Dairy Resch Inst,

Karnal since 1962; *b* 6 Nov 1933, Dalkola, Distt Purnea; *Edn* BSc (Agrl Engg) Allahabad Univ 1956, Higher Trg in Dairy & Agrl Engg Ohio State Univ (USA) 1960-62; *Exp* Trg Asst & Chargeman Tractor Trg Centre, Bhopal 1956-57, Lecturer and Asst Resch Officer National Dairy Resch Inst, Karnal 1957-59 and 1959-62; *Mem* Indian Dairy Science Assn & Indian Socy of Agrl Engrs; *Asso Mem* American Socy of Agrl Engrs (USA); *Pub* Six resch papers published in 'The Indian Dairyman', Bangalore; *Visited* USA; *Specln* Dairy & Agrl Engg; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Add* 'Digindraniwash', P 83 Bose Nagar, P.O Madhymgram, Distt 24 Parganas (W.B).

BAROOAH, SASANKA; Prof & Head Horticulture Deptt Assam Agrl Coll, Jorhat since Nov 1957; *b* 1 Jan 1929 Jorhat; *Edn* BSc (Agri) (Hort) & MSc (Agri) Agra Univ 1950 & 1953, MS Missouri Univ (USA) 1960, Dip Fruit Techy (Lucknow) 1952, Dip Forestry 1956, Dip Extension (Allahabad) 1958; *Exp* Agri Officer Community Project Deptt & Extension Trg Centre, Upper Shillong 1953-56 & 1956-57; *Fellow* American Horticultural Socy (USA) & Royal Horticultural Socy (UK); *Mem* Indian Agronomy Socy, New Delhi; *Pub* Eight papers published in journals of repute & various popular scientific articles in Indian magazines: *Visited* USA, UK, France, Switzerland, Hawaii, Japan, Burma and Thailand; *Knows* German; *Specln* Horticulture (Plant Physiology and Plant Hormone—Fruits, Vegetables and Flowers); *Hobb* Photography, reading and hunting; *Av'ble* for employment abroad (notice—two months); *Add* Jail Road, P.O Jorhat, Distt Sibsagar (Assam).

BARUAH, (DR) HITENDRA KUMAR; Prof & Head Botany Deptt Gauhati Univ since 1948; *b* 16 Jan 1916; *Edn* BSc (Hons) & MSc (Botany) Calcutta Univ 1935 & 1937, PhD Cambridge Univ (England) 1942; *Exp* Microbiologist & Head Deptt of Microbiology Bose Resch Inst, Calcutta 1943-47, Prof Botany Rangoon Univ 1947-48; *Mem* Indian Agrl Socy and Indian Microbiological Socy; *Ex-mem* British Mycological Socy, Assn of Applied Biologists and Cambridge Philosophical Socy; *Ex-secy* Univ Exec Council; *Ex-dean* Faculty of Science (Gauhati Univ); *Pub* Textbook on 'Laboratory Manual of Botany, Science and Scientists' and 80 papers published in various scientific & tech journals of international fame; *Visited* Europe; *Knows* German; *Specln* Microbiology and Plant Pathology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Rajabhetta Tea Estate, Dibrugarh (Assam).

BASU, MAITREYI; Resch Scholar Biochemical Lab Calcutta Univ; *b* 28 Feb 1943; *Edn* BSc and MSc Calcutta Univ 1962 and 1964; *Av'ble* for

employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* 51/B Rash Behari Avenue, Calcutta 26 (W.B).

BASU, (DR) RABINDRA KRISHNA; Resch Fellow Bose Inst, Calcutta; *b* 1 Sep 1928, Calcutta; *Edn* BSc (Hons) (Botany), MSc (Botany) (with thesis in Cytogenetics) and DSc (Botany Cytogenetics) Calcutta Univ 1947, 1949 and 1962; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi, Botanical Socy of Bengal, Calcutta and Indian Science Congress Assn, Calcutta; *Pub* 21 resch papers published in reputed scientific journals; *Knows* German; *Specln* Radiation Botany, Mutation Breeding and Cytogenetics; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* Who's Who in Indian Science; *Add* Adhar Bhaban, 18/1 K.P Roy Lane, Calcutta 33 (W.B).

BASU, SAKTI BRATA; Asst Prof Animal Husbandry B.R Coll, Agra since 1962; *b* 1 Jan 1934, Jayrampur (W.B); *Edn* BSc Calcutta Univ 1954, PG (Poultry) Indian Vety Resch Inst 1955, BVSc & AH Calcutta Univ 1959; *Exp* Resch Asst Haringhata Farm 1959-60, Resch Asst Animal Genetics Indian Vety Resch Inst 1960-61; *Pub* Book on 'Bovine Sterility' (under preparation), also 15 resch papers in reputed journals; *Knows* French; *Specln* Animal & Poultry Breeding; *Hobb* Stamp collection; *Add* 32 Banamala Nasker Road, 24 Parganas (W.B).

BATCHA, GHULAM RASOOL; Asst Botanist I/c Regional Sugar Sub-Stn, Motihari; *b* 1 Jan 1925, Tiruchirapalli; *Edn* BA Madras Univ 1945, Assoc IARI (Agrl Botany, Plant Breeding & Genetics) Indian Agrl Resch Inst, New Delhi 1959; *Exp* Asst in Botany, Sr Asst in Genetics and Astt Botanist Sugarcane Breeding Inst, Coimbatore 1945-53, 1953-60 and 1960; *Ex-mem* Socy of the Indian Journal of Genetics & Plant Breeding; *Pub* 11 papers on 'Sugarcane Resch & Breeding and Linseed' published in journals of repute; *Specln* Sugarcane Breeding and Developing New Varieties; *Av'ble* for employment abroad; *Add* Assistant Botanist, Sugarcane Breeding Institute, Coimbatore (Madras State).

BATRA, SURJAN SINGH; Asst Resch Officer (Vety) National Dairy Resch Inst, Bangalore since 1954; *b* 16 Nov 1916, Amritsar; *Edn* BSc & LVP Panjab Univ 1936 & 1941, Post-Grad (Animal Husbandry) Indian Vety Resch Inst, Izatnagar; *Exp* Vety Asst Surgeon 1942-46, Post-Grad Resch Scholar Indian Vety Resch Inst, Izatnagar 1946-48, Dairy Chemist Block Officer & Dairy Overseer Hissar Govt Farm 1949-52; *Pub* Thesis for Assoc IARI and several annual reports; *Specln* Animal Nutrition and Nutrition (Pathology—Halmatology); *Add* Care General Provision Stores, Queens Road, Amritsar (Punjab).

BEHURA, (DR) BASANTA KUMAR; Post-Grad Prof Zoology Deptt (Utkal Univ) Ravenshah Coll, Cuttack since 1961; *b* 20 Feb 1922, Bilipada

(Orissa); *Edn* BSc & MSc Calcutta Univ 1944 & 1946, PhD (Edinburgh) 1949; *Exp* Lecturer Zoology & Reader Zoology (Orissa Govt Edn Service) 1947-57 & 1957-61; *Fellow* Entomological Socy of India, Zoological Socy of India and Entomological Socy of London; *Secy Genl* Zoological Socy of India; *Founder Mem* Zoological Socy, Calcutta; *Pres* Zoological Socy of Orissa; *Pub* 45 resch papers published in journals of repute and Bigyanika Part I (in Oriya); *Visited* UK, France, Belgium, Holland, Switzerland, Luxemburg and Ireland; *Specln* Entomology; *Hobb* Writing popular articles on Zoology & Science (in oriya) and stamp-collection; *Av'ble* for employment abroad (notice—six months); *Add* Vill Sudhakanthi, P.O Nuagan, Via Jagatsinghpur, Distt Cuttack (Orissa).

BENJAMIN, BONTHA RATHNAKUMAR; Asst Histologist Animal Genetics Div Indian Vety Resch Inst, Izatnagar since 1962; *b* 13 Jan 1932 (A.P); *Edn* BVSc Osmania Univ 1956; *Exp* Vety Asst Surgeon 1956-57, Resch Asst 1958-62; *Mem* Assn of Scientific Workers of India; *Pub* Two papers published in a journal of repute; *Specln* Bovine, Histology (specially Skin, Endocrines & Reproduction Organs); *Hobb* Writing, reading and dramatics; *Listed* Commonwealth Bureau of Agrl Resch Workers; *Add* Care Shri B. Benjamin, Kurtzpet, Madira (C.Rly), Distt Khammameth (A.P).

BERI, RAM MITRA; Resch Officer Forest Resch Inst, Dehra Dun; *b* 7 Oct 1925, Lahore (W.Pak); *Edn* BSc (Hons) and MSc (Hons) Panjab Univ 1945 and 1946; *Exp* Resch Asst (Grade I) 1948-59, Jr Scientific Officer 1960-62; *Pub* Over 30 papers published in scientific journals of repute; *Knows* German; *Specln* Chemistry of Plant Products; *Hobb* Hockey, badminton and contract bridge; *Listed* National Register (CSIR); *Add* Chemistry of Forest Products Branch, Forest Research Institute, Dehra Dun.

BHADURI, (DR) JNANENDRA LAL; Nilratan Sircar Prof Zoology Deptt Calcutta Univ; *b* 1 Mar 1903; *Edn* BSc (Hons) (Zoology), MSc & PRS (Mouat Medallist), Calcutta 1924, 1926 & 1934, DSc (Edinburgh) 1947; *Exp* Teaching Asst Calcutta Univ 1927-29, Asst Zoological Survey of India 1929-33, Asst Lecturer and Lecturer Calcutta Univ 1933-43 and 1944-56; *Mem* Senate, Syndicate, Academic Council, Faculty of Science, etc of Calcutta Univ, Faculty of Science Lucknow Univ and Management Committee of Alipore Zoological Gardens; *Fellow* The Asiatic Socy, Nat Inst of Sci of India, Zoological Socy of India and Academy of Zoology; *Vice-Pres* Univ Coll of Science & Techy, Calcutta and Oriental Seminary, Calcutta; *Ex-pres* Zoology Section Indian Science Congress Assn (1951); *Pub* Tech book entitled 'Prani Bijnaner Paribhasha', many articles, resch papers and monographs; *Visited* Edinburgh; *Knows* German, French, Italian and Spanish; *Specln* Amphibiology, Avian Anatomy, Pregnancy Endocrinology in Human & Vety Med Sciences; *Listed* Who's Who in Indian Sciences; *Add* 70/1/1 Gauribari Lane, Grey Street Extension, Calcutta 4 (W.B).

BHAGWATI PRASAD; Asst Prof Agrl Economics U.P Agrl Univ, Pantnagar; *b* 31 Jan 1930 (U.P); *Edn* BSc (Agri) and MSc (Agri) B.H Univ 1952 and 1960; *Exp* Lecturer Dayanand Coll, Ajmer 1960-64; *Pub* Five papers published in journals of repute and a booklet on Farm Management; *Knows* Elementary German; *Specln* Agrl Economics; *Hobb* Literary; *Av'ble* for employment abroad (notice—one year); *Add* C 24/34 Kabir-chaura, Varanasi (U.P).

BHALERAO, (DR) VASANT RAMCHANDRA; Dairy Chemist & Head Div of Dairy Chemistry National Dairy Resch Inst, Karnal since 1962; *b* 11 Nov 1920, Dar-es-dalam (E.Africa); *Edn* BSc & MSc (Tech) B.H Univ 1939 & 1941, PhD (Food Techy) Illinois Univ (USA) 1955; *Exp* Asst Chemist 1944-47, Dairy Biochemist 1947-50, Sr Scientific Asst 1950-52, Food Chemist Food and Drug Directorate, Ottawa (Canada) 1956-58, Asst Prof Illinois Univ (USA) 1958-62; *Mem* American Oil Chemists Socy; American Dairy Science Assn, Indian Dairy Science Assn, Inst of Chemists (India) & Indian Standards Instn; *Pub* 40 papers in scientific and tech journals and four review articles in scientific journals; *Visited* USA, Canada, England, Italy, France, Switzerland and Egypt; *Knows* German; *Specln* Dairy Chemistry and Food Techy; *Hobb* Photography and collection of stamps; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 482/83 Rukmini Sadan, Sadashiv Peth, Poona (Maharashtra).

BHARADWAJ, (DR) DINESH CHANDER; Asst Director (Prof) and Head Coal Palaeobotany Deptt, Lucknow since 1961; *b* 13 Dec 1923, Biswan (U.P); *Edn* BSc (Agri) & MSc Agra Univ 1942 & 1944, PhD Lucknow Univ 1952, Dr rer Nat Bonn Univ (W.Germany) 1955; *Exp* Sr Resch Asst CSIR M.G.T Scheme 1947-49, Jr Scientific Officer (Lecturer) 1949-55, Sr Scientific Officer (Reader) 1955-61; *Mem* Palaeobotanical Socy, International Commission on Palaeozoic Microfloras and International Commission on Straligraphy (Carboniferous); *Fellow* Indian Botanical Socy; *Pub* Over 45 resch papers in journals of repute; *Visited* W.Germany, Netherlands, France, England, Denmark, Sweden, Austria and Belgium; *Knows* German and French; *Specln* Sparology Coal & Oil, Palaeobotany and Liverworts (Anthocerotales); *Hobb* Photography, painting and gardening; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Education in India' (Premier Publishers India); *Add* C-131 Sector 4 A, Mahanagar, Lucknow 6 (U.P).

BHARDWAJ, (DR) BHUP DEV; Asst Agrostologist Directorate of Agri (H.P), Simla since 1965; *b* Kumarsain (H.P); *Edn* BSc (Hons) (Agri) Delhi Univ 1953, MSc Indian Agrl Resch Inst, New Delhi 1960, PhD Univ of Minnesota (USA) 1965; *Exp* Resch Asst & Agri Inspector 1953-61, Trg

Reserve Officer & Asst Botanist (Vegetable) 1961-64; *Mem* Honor Socy of Agri (USA), Gamma Sigma Delta (USA), Sigma Xi (USA) and Gamma Alpha Socy (USA); *Fellow* Rockfeller Foundation, USA (1961-65); *Pub* Seven papers published in journals of repute and 'Survey of Vegetable Growing Practices' (Solan Area); *Visited* USA, UK, Belgium, Switzerland and Italy; *Knows* German; *Specln* Plant Breeding & Genetics, Speciation & Evolution Cytogenetics and Biometrics; *Hobb* Photography and hiking; *Av'ble* for employment abroad (notice—three months); *Add* Santpur Orchards, Kumarsain, Distt Mahasu (H.P).

BHARDWAJ, GYAN NATH; Tech Officer (Storage) Office of the Dy Director (Food), New Khandela since 1958; *b* 15 Jun 1932, Rupar; *Edn* BSc (Hons) and MSc (Zoology) Delhi Univ 1951 and 1953; *Exp* Tech Asst (Min of Food & Agri) 1953-58; *Life-Mem* Entomological Socy of India, New Delhi ; *Mem* Indian Standards Instn, New Delhi and Assn of Foodgrain Technologists of India, Hapur; *Pub* 14 papers published in reputed journals (in collaboration); *Specln* Entomology; *Hobb* Travelling; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Morinda, Distt Ambala (Punjab).

BHARDWAJ, KULDIP RAJ; Vety Asst Surgeon Central Resch Inst, Kasauli since Jul 1964; *b* 7 Sep 1934, Distt Sialkot (W.Pak); *Edn* BVSc & AH Agra Univ 1957; *Exp* Vety Asst Surgeon I/c Vety Hospital, Shahabad (Hardoi) 1957-58, I/c Vety Hospital, Badshahbagh, Lucknow 1958-60, Resch Asst Animal Husbandry Deptt, Lucknow 1960-64, Was awarded a silver medal in appreciation of his work at All India Cattle Show (1958); *Mem* U.P Vety Assn; *Pub* Papers on 'Typansomiasis in Dogs' and 'Eradication of Epidemic and Parasitic Infections from Small Animal House' published in Indian Vety Journal; *Specln* Maintenance and Breeding of Lab Animals; *Hobb* Animals; *Av'ble* for employment abroad (notice—three months); *Add* Veterinary Assistant Surgeon, Central Research Institute, Kasauli (Punjab).

BHARGAVA, (DR) SOMESHWAR NATH; Lecturer Botany Allahabad Univ since Nov 1963; *b* 5 Apr 1938, Allahabad; *Edn* BSc (Agri), MSc (Agrl Botany), DPhil and Cert in French & German Allahabad Univ 1956, 1958 1962 and 1959 & 1961; *Exp* Asst Prof Plant Pathology U.P Agrl Univ, Pantnagar Aug-Oct 1963; *Mem* Indian Science Congress Assn, Indian Botanical Socy, Indian Phytopathological Socy, National Academy of Sciences (India), Vigyan Parishad, American Phytopathological Socy and American Socy of Economic Botany; *Pub* Fifteen resch papers and two other writings; *Knows* French and German; *Specln* Plant Pathology; *Hobb* Tennis, stamps and photography; *Av'ble* for employment abroad (notice—two months); *Add* Dr Someshwar Nath Bhargava, 28 Thornhill Road, Allahabad (U.P).

BHASKARAN, A. R; Soil Conservation Officer Resch Centre, Vasad (Gujarat) since Jul 1964; *b* 2 May 1930, Madras; *Edn* BSc (Agri) Andhra Univ 1950; *Exp* Asst Soil Conservation Officer (Agronomy), Chatra (Nepal) & Bellary 1959-62 & Jan-Aug 1962, Soil Conservation Officer, Bellary and Ibrahimpatan (Distt Hyderabad) Aug-Oct 1962 and 1962-64; *Mem* Indian Socy of Agronomy and Soil & Water Conservation Socy of India; *Pub* Notes on 'Extension in Agriculture' (in parts) and five papers in journals of repute; *Visited* Nepal; *Specln* Soil & Water Conservation; *Hobb* Botanising; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* 112 Singana Chetty Street, Madras 2.

BHASKARAN, (DR) RAMACHANDRA; Scientist Central Leather Resch Inst (CSIR), Madras since 1956; *b* 22 Dec 1925, Mannargudi; *Edn* BSc (Zoology), GMVC (Dip), BVSc & MSc Madras Univ 1945, 1949, 1950 & 1955, Cert in Heavy & Light Leather Mftre City & Guilds, London 1958, ASTEF (Dip) (Biological Aspects of Leather Mftre) France 1962, PhD Microbiology-Leather Mftre) Madras Univ 1964; *Exp* Asst Lecturer Parasitology Madras Vety Coll, Madras 1950-51, Resch Scholar Parasitology Indian Vety Resch Inst, Mukteswar 1951-53, Asst Lecturer & Vety Surgeon Madras Vety Coll, Madras & I/c Regional Clinical Lab, Hosur Cattle Farm, Madras 1953-56; *Mem* Indian Vety Assn; *Tech Asso* Indian Hide & Skin Improvement Socy; *Pub* 23 papers published in reputed journals, two theses and also one report on 'Advanced Training in France'; *Knows* French and German; *Visited* France; *Specln* Animal Parasitology, Entomology and Microbiology; *Hobb* Photography and travelling; *Av'ble* for employment abroad (with the consent of Employer); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Sriramachandra', 60 St Mary's Road, Madras 18.

BHAT, (DR) NARASIMHA RAMAKRISHNA; Prof Genetics J.N.K Vishwa Vidyalaya, Jabalpur; *b* 22 Dec 1906, Kodkani (Mysore State); *Edn* BAg Bombay Univ 1929, PhD Cambridge Univ (UK) 1948; *Exp* Cotton Botanist, Surat 1951-54, Director Tobacco Resch Inst, Rajahmundry 1955-58, Director Sugarcane Breeding Inst, Coimbatore 1958-62; *Mem* Indian Socy of Genetics & Plant Breeding; *Ex-mem* British Genetical Socy, Indian Botanical Socy and Indian Socy of Agrl Statistics; *Pub* 55 scientific papers (mostly in Genetics & Plant Breeding) published in journals of repute and various important departmental reports; *Specln* Genetics and Plant Breeding; *Hobb* Gardening and minor games; *Add* Plot No. 598, Jayangar IV Block, 'T' Extension, Bangalore (Mysore State).

BHAT, (DR) PUSHKAR NATH; Officer Scientists Pool Indian Vety Resch Inst, Izatnagar; *b* 9 Oct 1937, Nunar (J&K); *Edn* BVSc & AH and MVSc

(A.H) Agra Univ 1959 and 1961, PhD Purdue Univ (USA) 1965; *Exp* Resch Asst and Resch Asso Population Genetics Inst Purdue Univ 1961-64 and 1964-65; *Mem* Biometric Socy, Genetics Socy of America and Indian Vety Assn; *Pub* Memo notes on Population Genetics and two important tech reports; *Visited* England, France, Spain, Italy, Germany, Egypt, USA and various Western Countries; *Knows* German; *Specln* Population Genetics, Biometrics and Human Genetics; *Hobb* Gardening, hiking, cooking, tennis, etc; *Av'ble* for employment abroad (notice—one month); *Add* Nunar, Ganderbal (J&K).

BHATELE, INDRA DATT; Prof AH & Dairying Deptt Janta Coll, Bakewar (Etawah); *b* 2 Jul 1938, Berari (U.P); *Edn* BSc (Agri) & MSc (Agri) (AH & Dairying) Agra Univ 1958 & 1960, Dip Food Preservation Directorate of Fruit Utilization, Lucknow 1961; *Exp* Lecturer AH & Dairying Janta Agri Degree Coll, Ajitmal (Etawah) 1960-61; *Mem* Congress Organisation and Block Congress Committee; *Pub* A book 'Pashupalan' (Hindi) (Textbook for Inter & Higher Secondary Classes of U.P, M.P and Rajasthan Board—Prescribed by Rajasthan Board from Jul 1965); *Specln* Dairy Techy; *Hobb* Cultivation (growing potato & other vegetables on large scale with scientific methods on own farm of 25 acres); *Av'ble* for employment abroad (notice—three months); *Add* Vill & P.O Berari, Distt Etawah (U.P).

BHATI, RAJKUMAR SINGH; Lecturer Botany Digvijai Coll, Rajnandgaon since 1962; *b* 31 Jul 1931, Raipur; *Edn* MSc (Botany) Nagpur Univ 1950; *Exp* Lecturer Botany 1959-62; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kumar Kuti, Giri-Peth, Nagpur (Maharashtra).

BHATIA, (DR) LACHMAN JETHANAND; Pool Officer Deptt of Plant Protection, Quarantine & Storage, Delhi since 1963; *b* 11 Dec 1930, Rohri (Pak); *Edn* BSc (Agri) Agra Univ 1949, MSc (Agri) and PhD (Agri) Poona Univ 1957 and 1961; *Exp* Plant Protection Asst (Govt of U.P) 1949-55, Sr Resch Fellow Indian Council of Agrl Resch, Delhi 1957-60, Entomologist M/s Devidayal Sales (P) Ltd, Bombay 1960-61; *Life Mem* Entomological Socy of India, Delhi; *Pub* Report on 'Fate and Persistence of Organic Insecticide on Foliages'; *Knows* French; *Specln* Entomology (Toxicology); *Hobb* Cricket and football; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 31 Somwar Peth, Poona 2 (Maharashtra).

BHATIA, KRISHAN GOPAL; Jr Tech Officer Directorate of Sugar & Vanaspati (Min of Food & Agri), New Delhi since 1958; *b* 10 Jun 1929,

Jhang (W.Pak); *Edn* BSc, AIIST and FIIST Panjab Univ 1949, 1952 and 1956; *Exp* Mfg Chemist M/s Saraswati Sugar Mills, P.O Yamunanagar (Punjab) 1952-58; *Pub* Resch papers on 'Edible Syrup from Molasses' and 'Cation Exchange Resins from Sucrose—Their Physico-Chemical Properties'; *Specln* Ion-Exchange Resins and Sugar Mftre; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* 17-B/11 W.E.A., Dev Nagar Karol Bagh, New Delhi 5.

BHATNAGAR, CHITRANJAN PRAKASH; Resch Asst Govt Agrl Farm, Tabiji, Ajmer (Co-ordinated Maize Breeding Scheme); *b* 18 Sep 1939, Ajmer; *Edn* MSc (Botany) Rajasthan Univ 1962; *Specln* Plant Pathology; *Av'ble* for employment abroad (notice—three months); *Add* Jyoti Sadan Hospital Road, Ajmer (Rajasthan).

BHATNAGAR, (DR) HARISH PRASAD; Sr Resch Officer Forest Resch Inst, Dehra Dun since 1964; *b* 20 Aug 1934, Agra; *Edn* BSc, MSc and PhD Agra Univ 1953, 1955 and 1958; *Exp* Post-Doctoral Resch Fellow (Govt of India) 1959-61, Pool Officer (CSIR) 1961-63, Sr Scientific Officer R.R.L, Jammu 1963-64; *Mem* Indian Botanical Socy, International Socy for Tropical Ecology and Indian Science Congress Assn; *Pub* Thirty eight resch papers published in reputed journals; *Visited* Nepal; *Specln* Forest Physiology and Ecology; *Hobb* Hiking; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Senior Research Officer, Forest Research Institute, Dehra Dun (U.P).

BHATNAGAR, (DR) RAMESHWAR DAYAL SINGH; Asso Prof Zoology Punjab Agrl Univ, Ludhiana since 1965; *b* 14 Aug 1932, Montogomery; *Edn* BSc Agra Univ 1951, BSc (Hons Schl) & MSc (Hons Schl) Panjab Univ 1953 & 1954, PhD Saskatchewan Univ (Canada) 1960; *Exp* Teaching Asst Biology Deptt Saskatchewan Univ (Canada) 1958-60, Asst Entomologist ICAR Scheme on Whiteflies Panjab Univ, Chandigarh 1960-61, Lecturer Entomology Panjab Univ 1961-65; *Fellow* Royal Entomological Socy, London; *Secy* Univ Film Socy of Punjab Univ Campus, Chandigarh; *Ex-chairman* Section of Arachnology in the International Congress of Entomology at Vienna (Austria); *Pub* 25 articles in journals of India and abroad; *Visited* USA, Canada, UK, France, Germany, Switzerland, Italy, Egypt, Pakistan and Austria; *Knows* German and French; *Specln* Entomology & Arachnology—Physiology of Reproduction and Development Anatomy; *Listed* Centre International De Documentation Arachnologique, Paris, 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Department of Zoology—Entomology, Punjab Agricultural University, Ludhiana (Punjab).

BHATNAGAR, (DR) SATYA PRAKASH; Prof & Head Zoology Deptt Govt Coll, Nainital (U.P Educational Service Class I) since 1961; *b* 9 Nov 1921, Mathura; *Edn* BSc, MSc and PhD Agra Univ 1944, 1946 and 1950; *Exp* Lecturer Zoology St John's Coll 1946-50, Rajasthan Educational Service 1950-55; *Mem* Indian Science Congress and Zoological Socy of India; *Fellow* Academy of Zoology; *Pub* 11 papers in scientific journals of India and abroad; *Knows* German; *Specln* Entomology—Taxonomy; *Hobb* Photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 'Dwarika Satya Sadan', Dampier Nagar, Mathura (U.P).

BHATTACHARJEE, (MRS) MANJU; *b* 2 Jan 1943, Calcutta; *Edn* BSc and MSc Allahabad Univ 1962 and 1964; *Pub* Thesis (under publication); *Visited* USA; *Specln* Mycology in Botany & Agri; *Hobb* Gardening; *Av'ble* for employment abroad (notice—two months); *Add* Gorabazar, P.O Berhampore, Distt Murshidabad (W.B).

BHATTACHARYA, MIHIR KUMAR; Resch Scholar Botany Deptt B.H Univ; *b* 12 Jan 1938, Varanasi; *Edn* BSc (Agri) and MSc (Agri) B.H Univ 1962 and 1964; *Exp* Attended 24 seminars and a symposium; *Mem* Indian Science Congress and Botanical Socy of B.H Univ; *Pub* A thesis on 'Plant Physiology', read a paper on 'Nitrogen Fixation in Non-Nodulated Plants' and a few papers on 'Plant Physiology & Medicinal Plants' (in press), reports on 'Physiology & Biochemistry of Medicinal Plants' and a few poems (in Bengali); *Knows* German; *Specln* Plant Physiology; *Hobb* Story writing, poetry & song writing, medicinal plants & their drug values, photography, etc; *Av'ble* for employment abroad (notice—four months); *Add* D 39/26 Kodavi Chowk, Varanasi (U.P).

BHATTACHARYEA, BINOY BHUSHAN; Asst Registrar ICAR, New Delhi since 1960; *b* 1 Jan 1929; *Edn* BVSc Bengal Vety Coll, Calcutta 1948, MSc Oklahoma State Univ (USA) 1961; *Exp* Vety Asst Surgeon 1948-56, Vety Officer 1957-60; *Visited* UK, France, USA, Switzerland and Italy; *Specln* Animal Breeding and Genetics; *Hobb* Reading and indoor games; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Bhattacharjee Colony, Barisha, Calcutta 8 (W.B).

BHIMACHAR, (DR) B. S; Director Central Inland Fisheries Resch Inst, Barrackpore (W.B) since 1954; *b* 1906, Mysore; *Edn* MSc and DSc Calcutta Univ 1930 and 1946; *Exp* Had Trg in Fisheries in 1940, Was appointed to organize Fisheries Resch & Development in Mysore, Carried out Investigations on Fisheries Biology at the Central Marine Fisheries

Resch Stn 1947-53, Worked at Lowestoft Fisheries Lab (England) 1953-54, Was appointed as the Chief Resch Officer Central Inland Fisheries Resch Stn, Calcutta in 1954, Represented India as an Official Delegate at the Meeting of the Indo-Pacific Fisheries Council of the F.A.O at Colombo; *Mem* A number of Learned Bodies in India and abroad; *Fellow* National Inst of Sciences of India, Indian Academy of Sciences and Zoological Socy of India; *Ex-pres* Section of Zoology and Entomology of the Indian Science Congress Assn (1959); *Pub* A number of resch papers published in Indian and foreign journals of repute; *Visited* UK, Norway, Sweden and Denmark; *Specln* Fisheries Biology, Fish Culture, Functional Anatomy of Fishes and Fisheires Administration; *Add* Director, Central Inland Fisheries Research Institute, Barrackpore, Via Calcutta (W.B).

BHORE, KRISHNARAO MADHAORAO; Farm Owner since 1964; *b* 22 May 1942, Ghatanji; *Edn* Rashtrabhasha 'Kovid' (Upadi) Rashtrabhasha Prachar Samiti, Wardha 1960, BSc (Agri) Nagpur Univ 1964; *Pub* Short stories in Marathi (in press): *Specln* Farming; *Hobb* Reading and playing; *Av'ble* for employment abroad (notice—one month); *Add* Care Madhaorao Krishnaji Bore, P.O Ghatanji, Distt Yeotmal (Maharashtra).

BHOWAL, (DR) JADU GOPAL; Pool Officer Bose Inst, Calcutta since 1963; *b* 1 Nov 1930, Dacca (E.Pak); *Edn* BSc & MSc Calcutta Univ 1952 & 1954, PhD Indian Inst of Techy, Kharagpur 1958; *Exp* Resch Fellow Indian Inst of Techy, Kharagpur 1955-58, Cytogeneticist Bose Inst, Calcutta 1958-61, Visiting Scientist Canada Deptt of Agri, Lethbride (Canada) 1961-63; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi, Botanical Socy of Bengal, Calcutta and Indian Science Congress Assn; *Pub* 12 papers in scientific and tech journals of repute; *Visited* Canada, USA, UK, France, Germany and Italy; *Specln* Genetics; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri S. C Bhowal, Lakshminagar Colony, Calcutta 28 (W.B).

BHOWMIK, DILIP KUMAR; Resch Scholar Coll of Agri (B.H Univ) since Jan 1964; *b* 20 Apr 1939, Vill Badhal, Distt Jessore (E.Pak); *Edn* BSc (Agri) and MSc (Agri) B.H Univ 1960 and 1963; *Exp* Agrl Extension Officer 1962-64, Resch Investigator 1964-65; *Mem* Indian Socy of Agrl Economics; *Pub* Thesis entitled 'Marketing of Jute in 24 Parganas Distt (W.B)'; *Specln* Agrl Economics Farm Management; *Hobb* Acting, singing, pen-friendship, touring, cycling and cinema; *Av'ble* for employment abroad (notice—three months); *Add* P.O Bongaon, Distt 24 Parganas (W.B).

BHUMBLA, (DR) DEV RAJ; Prof Soils Punjab Agrl Univ, Hissar since 1964; *b* 6 Dec 1921; *Edn* BSc & MSc (Agri) Panjab Univ 1944 & 1956, PhD Ohio State Univ (USA) 1962; *Exp* Resch Asst 1944-57, Reclamation Officer 1957-60, Asst Prof 1962-63, Asso Prof 1963-64; *Mem* Sigma Xi, Gamma Sigma Delta, Indian Socy of Agronomy and Indian Socy of Soil Science; *Pub* 19 resch papers in journals of repute and seven tech reports; *Visited* USA, England, Germany and Switzerland; *Knows* French; *Specln* Soil Chemistry; *Hobb* Reading; *Av'ble* for employment abroad (notice—three months): *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Professor of Soils, Punjab Agricultural University, Hissar (Punjab).

BINDRA, (DR) ONKAR SINGH; Entomologist M.P Govt Agri Deptt, Jabalpur since 1962; *b* 21 Oct 1932; *Edn* BSc (Agri) (Hons) Delhi Univ 1951, Asso IARI, New Delhi 1953, PhD (Entomology) California Univ (USA) 1961; *Exp* Tech Asst (Min of Food & Agri) 1953-54, Entomologist (Govt of M.P) 1954-61, Prof Agri, Zoology & Entomology 1961-62; *Mem* Horticultural Socy of India and Sigma Xi (USA); *Fellow* Royal Entomological Socy, London; *Life Fellow* Entomological Socy of India; *Pub* 30 papers in scientific journals of repute and annual reports of the Entomologist, M.B & M.P; *Visited* USA, Canada, Hong Kong, Japan, UK, France, Italy, Germany, Czechoslovakia, Switzerland, Austria and UAR; *Knows* German and French; *Specln* Economic Entomology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Entomologist, M.P Government Agriculture Department, Jabalpur (M.P).

BIR, SARMUKH SINGH; Lecturer Botany Panjab Univ since 1962; *b* 28 Aug 1929, Shahpur, Distt Ambala; *Edn* BSc (Hons Schl) & MSc (Hons Schl) Panjab Univ 1951 & 1953; *Exp* Curator of the Herbarium Panjab Univ, Chandigarh 1956-62; *Mem* Indian Science Congress Assn, Indian Botanical Socy and American Fern Socy; *Pub* Monograph on 'Family Aspleniaceae' (to be published by CSIR), 25 resch papers in international scientific journals & articles on 'Pteridophytic Flora of Darjeeling & Sikkim Himalayas and Simla Hills'; *Specln* Taxonomy, Cytology, Anatomy and Marphology of Pteridophytes; *Hobb* Trecking in the various regions of the Himalayas-for study of Flora; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Botany Department, Panjab University, Chandigarh 3 (Punjab).

BISWAS, (DR) SUDHAMOY; Post-Doctorate Resch Scholar Tokyo Univ; *b* 2 Apr 1936, Poraghati, Hogalbaria, Distt Nadia (W.B); *Edn* BSc & MSc (Agri) Calcutta Univ 1958 & 1960, Recipient of Univ Gold Medal and Prize for MSc (Agri), Dip Radio-Isotope Schl of Japan Atomic Energy Agency 1962, DSc (Agri) Tokyo Univ 1964, Practical Trg on various

Problems of Rice Breeding (1964); *Exp* Lecturer Agri 1960-61, Participated Social Welfare Programme organised jointly by Calcutta Univ, National Extension Service and Ford Foundation; *Mem* Socy of Agri (Calcutta Univ) and Japanese Socy of Breeding (Tokyo Univ); *Pub* Important tech reports on 'Studies on the Effect of Seasonal Variations on Three AUS (Summer) qne Three AMAN (Winter) Varieties of Rice' and 'Protective Effects of Chemicals on Radiation Damages of Crop Plants—Effects on the Recovery from Physiological Damage of Treated Generation, two more papers on 'Radiation Protection' and 'Mutation in Crop Plants' reported at the symposium of the Japanese Socy of Breeding; *Visited* Japan; *Knows* Japanese; *Specln* Plant Breeding with special reference to Radiation Genetics and Mutation Breeding; *Hobb* Sports, travelling and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* Proaghati, P.O Hogalbaria, Distt Nadia (W.B).

BODAPATI, RAMAMOORTHY NAIDU; Asst Lecturer Agronomy S.V Agrl Coll, Tirupati; *b* 7 Oct 1930, Pathakuppam (A.P); *Edn* BSc (Agri) Andhra Univ 1952; *Exp* Grad Asst 1952-54, Village Level Worker (Chittoor Distt) 1954-56, Agrl Extension Officer 1956-63; *Specln* Extension Work; *Hobb* Sports and games; *Av'ble* for employment abroad (notice—six months); *Add* 18-8-14 Muthu Maistry Street, Chittoor (A.P).

BODHADE, SURESH NAMDEORAO; Lecturer Entomology & Zoology Agri Coll, Akola; *b* 17 Sep 1940; *Edn* BSc (Agri) & MSc (Agrl Entomology) Nagpur Univ 1961 & 1964, Elementary Grade & Intermediate Drawing (Bombay Govt) 1953 & 1954, Rashtrabhasha Pravesh Exam, Wardha 1953, Sanskrit Bhasha Prachar Samiti's Exam 1953; *Exp* Agrl Officer I/c Modern Pesticides Scheme, Poona; *Life Mem* Entomological Socy of India; *Specln* Agrl Entomology; *Hobb* Pencil shading drawings and paintings; *Av'ble* for employment abroad (notice—two months); *Add* Ramdhan Plots, Akola (Maharashtra).

BORTHAKUR, (DR) DHIRENDRA NATH; Rice Specialist, Borbheta, Distt Sibsagar (Assam) since 1963; *b* 5 Mar 1928, Jorhat (Assam); *Edn* BSc & MSc (Botany) Gauhati Univ 1948 & 1950, PhD (Genetics & Plant Breeding) Missouri Univ (USA) 1963; *Exp* Asst Mycology Tocklai Expt Stn, Jorhat 1951-52, Lecturer and Prof Assam Agrl Coll, Jorhat 1952-59 and 1959-63; *Mem* Crop Science Socy of America, American Socy of Agronomy, Indian Socy of Genetics & Plant Breeding, Indian Socy of Agronomy and Assam Socy of Agrl Science; *Pub* One book on 'Plant Diseases and Their Control' (in Assamese), six resch papers and annual tech report of resch in the Botany Div of the Deptt of Agri (Assam); *Visited* USA, Japan and Hong Kong; *Knows* French and German; *Specln*

Plant Breeding and Genetics; *Hobb* Music, playing badminton, table-tennis and cards; *Av'ble* for employment abroad (notice—four months); *Listed* Assam Civil Service List and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Nakari Road, P.O Jorhat, Distt Sibsagar (Assam).

BOSE, (DR) ARABINDO NATH; Director Central Inst of Fisheries Techy, Ernakulam; *b* 6 Jul 1922, Calcutta; *Edn* MSc Calcutta Univ 1943, PhD Mass Inst of Techy (USA) 1946; *Exp* Prof Food Techy Jadavpur Univ 1948-61, Worked with Deerfield Packaging Corpn, Bridgetown (USA), Gorton Pew Fisheries, Gloucester (USA) and Citrus Products Resch Stn, Winta Haven(USA); *Professional Mem* Inst of Food Technologists (USA), Assn of Food Technologists (India), Asiatic Socy, Socy of Biological Chemists (India) and Socy of Fisheries Technologists (India); *Fellow* Instn of Chemists (India) and American Assn for Advancement of Science (USA); *Pub* 39 tech & scientific papers and 13 other literary papers published in reputed journals; *Visited* USA, UK, France, Switzerland, Ireland, Austria and W.Germany; *Specln* Holds Patent for an Improved Technique of Parboiling of Rice (being employed by Govt of India at various places); *Add* 5 Harish Mukherjee Road, Calcutta 25 (W.B).

BRAHM DUTT; Nutritional Pathologist Indian Vety Resch Inst, Izatnagar since 1959; *b* 28 Dec 1914, Peshawar (W.Pak); *Edn* BA Panjab Univ 1935, LVP Panjab Vety Coll, Lahore 1939, Assoc (Pathology) Indian Vety Resch Inst, Izatnagar 1959; *Exp* Vety Asst Surgeon 1939-47, Resch Asst & Asst Resch Officer Indian Vety Resch Inst, Izatnagar 1948-52 and 1952-59; *Mem* Assn of Scientific Workers of India (Izatnagar Unit); *Pub* 30 papers published in journals of repute; *Visited* UK; *Specln* Pathology of Deficiency Diseases of Animals; *Av'ble* for employment abroad (subject to being relieved by the Govt); *Add* 91 Beljati Prem Narain Street, Bareilly (U.P).

BURANDE, DATTATRAYA RANCHANDRA; Lecturer Agri Gram Sevak Trg Centre, Tharsa, Distt Nagpur since 1963; *b* 30 Jun 1927; *Edn* BSc (Agri) (Hons) and MSc (Agri) Poona Univ 1950 and 1959; *Exp* Instructor Agronomy Coll of Agri, Poona 1955-59, Agri Officer I/c Wadgaon (Maharashtra) 1959-60, Lecturer Agronomy Coll of Agri, Akola 1960-63; *Pub* Tech reports of the Resch Stn, Wadgaon (Maharashtra); *Knows* French; *Specln* Agronomy; *Hobb* Performing yogasanas, playing Indian games and swimming; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Post Shingnapur, Taluka Dahivadi, Distt Satara (Maharashtra).

C

CHACKO, A. J; Jt Director of Agri (Rice Specialist) Central Rice Resch Stn, Pattambi since 1963; *b* 15 Dec 1917, Muvattupuzha (Kerala); *Edn* MSc B.H Univ 1943; *Exp* Asst Rice Specialist 1945-59, Rice Resch Officer 1960-61, Deputy Director Horticultural Resch 1961-63; *Pub* Six resch papers in leading scientific journals, also eight popular articles on tech matters; *Visited* Canada; *Specln* Rice Breeding-Seed Improvement; *Hobb* Painting; *Av'ble* for employment abroad (notice—six months); *Add* Marekat, Muvattupuzha, Distt Ernakulam (Kerala).

CHACKO, (DR) CHERUVATHUR IYYAKKU; Asst Prof Botany & Plant Pathology Div Michigan State Univ (USA); *b* 20 Nov 1927, Kunnaurkylam (Kerala); *Edn* BSc (Agri) Madras Univ 1949, MSc (Agri) (Plant Pathology) B.H Univ 1957, PhD Univ of Illinois 1963; *Exp* Agrl Asst Madras Agrl Deptt 1949-57, Lecturer Post-Grad Deptt of Agrl Botany Gauhati Univ 1958-59, Resch Asso Deptt of Plant Pathology Illinois Univ 1963-64; *Pub* Several papers published in Indian Vety Journal; *Visited* USA; *Specln* Isolation of Antibiotics, Interactions of Antibiotics and Pesticides with Micro-organisms, Mode of Action of Biologically Active Compounds, Soil Microbiology and Fungal Physiology; *Av'ble* for employment abroad (notice—six months); *Add* Kotlil House, Parayil, P.O Kunnamkulam (Kerala).

CHACKO, (MISS) SUSAN; Resch Scholar Marine Biology Deptt Kerala Univ since 1962; *b* 16 Apr 1939, Trivandrum; *Edn* BSc, MSc (Marine Biology) and Dip German Kerala Univ 1959, 1961 and 1965 (intending to submit thesis for PhD in 1966); *Specln* Study of Nervous Systems in Grustaceans (Crabs, Prawns, Lobsters, etc); *Hobb* Playing guitar, violin & piano and tennis: *Av'ble* for employment abroad (notice—six months); *Add* Care Shri K. C Chacko, Kythamana, Kunnukuzhy, Distt Trivandrum (Kerala).

CHADHA, YUDH VIR; Asst Prof Botany Ewing Christian Coll, Allahabad; *b* 12 Apr 1938, Laueriwala, Distt Gujranwala; *Edn* BSc & MSc Allahabad Univ 1959 & 1961; *Mem* Indian Science Congress Assn of India; *Pub* Four resch papers published in scientific journals of repute; *Knows* German; *Specln* Plant Physiology; *Hobb* Sketching and plant collection; *Av'ble* for employment abroad (notice—one month); *Add* 67C/110 Bai-Ka-Bagh, Allahabad 3 (U.P).

CHAGANTI, (DR) RAJU S. K; Lecturer Botany Andhra Univ since 1964; *b*

12 Mar 1933, Samalkot (A.P); *Edn* BSc, BSc (Hons) & MSc Andhra Univ 1952, 1954 & 1955, PhD Harvard Univ (USA) 1964; *Exp* Demonstrator Botany Andhra Univ 1955-57, Resch Asst Botany 1957-60, Paul Mazur Fellow Expt Biology Harvard Univ (USA) 1960-61, US Public Health Trainee in Genetics 1961-63, Teaching Fellow Biology Harvard Univ 1961-63, Resch Fellow Bussey Instn Harvard Univ (USA) Feb-Nov 1964; *Mem* American Botanical Socy, American Genetics Socy, American Genetics Assn, International Socy for the Study of Evolution, Socy of Sigma Xi and Indian Socy of Genetics & Plant Breeding; *Pub* 'Cytogenetic Studies of Maize Tripsacum Hybrids and Their Deriva tives' (in press) and about 15 resch papers in journals of repute; *Visited* Switzerland, England, USA and Mexico; *Knows* German; *Specln* Genetics and Evolution; *Hobb* Photography, hiking, plant collecting & mountaineering; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Botany Department, Andhra University, Waltair (A.P).

CHAHAL, MANMOHAN SINGH; Vety Asst Surgeon (Poultry Inspector) (H.P) since 1961; *b* 23 Nov 1939, Patiala; *Edn* BVSc & AH Panjab Univ 1960, National Dip Poultry Husbandry Indian Vety Resch Inst, Izatnagar (U.P) 1963; *Exp* Vety Asst Surgeon (Punjab) 1960-61; *Mem* Indian Poultry Club, Izatnagar (U.P); *Pub* Pamphlets on 'Poultry Husbandry'; *Specln* Poultry Husbandry; *Hobb* Cinema, dramatics and professional study; *Listed* National Register (CSIR); *Add* Kothi Capt Waryam Singh, Toba Jhumak Lal, Patiala 3 (Punjab).

CHAKRAVARTI, AMIYA; Lecturer Botany Charu Chandra Coll, Calcutta since Jul 1963; *b* 24 Dec 1937, Calcutta; *Edn* BSc and MSc Calcutta Univ 1958 and 1961; *Exp* Lecturer Botany 1962-63; *Specln* Plant-Physiology; *Hobb* Study, sewing, etc; *Av'ble* for employment abroad (notice—three months); *Add* Vill Dehibaira, P.O. Arambagh, Hooghly (W.B).

CHAKRAVARTI, (DR) BIMALA PADA; Asst Mycologist Agrl Resch Inst, Sabour (Bihar) since 1961; *b* 1 Nov 1924, Bhagalpur (Bihar); *Edn* BSc (Agri) Agra Univ 1947, Assoc IARI Indian Agrl Resch Inst, New Delhi 1952, PhD Univ of Minnesota (USA) 1960; *Exp* Demonstrator Mycology Bihar Agri Coll, Sabour 1947-50, Sr Resch Asst Plant Pathology, Sabour 1952-56, Resch Asst Plant Pathology Agrl Resch Inst, Kanke (Ranchi) 1960-61; *Mem* Socy of Sigma Xi, Gamma Sigma Delta, Bihar Academy of Agrl Sciences, American Inst of Biological Sciences and American Phytopathological Socy; *Pub* 13 papers in scientific and tech journals and eight scientific articles; *Visited* USA, UK, France, Holland and Belgium; *Knows* German and French; *Specln* Plant Pathology (Cereal Diseases & Diseases of Field Crops); *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Gauri-Nibas, S.S Road, Bhagalpur (Bihar).

CHAKRAVARTY, AJIT KUMAR; Agrostologist Central Arid Zone Resch Inst, Jodhpur since 1963; *b* 1 Mar 1913, Howrah (W.B); *Edn* BSc (Hons) (Botany) and MSc (Botany) Calcutta Univ 1934 and 1936; *Exp* Rice Resch Officer (Bengal) 1938-48, Resch Student Kings Coll, Cambridge (UK) 1948-50, Fodder Botanist (W.B) 1950-62, Agrostologist (H.P) 1962-63; *Mem* The Genetical Socy (UK), Indian Socy of Genetics & Plant Breeding, Indian Botanical Socy, Indian Agrl Socy and Arid Zone Assn; *Pub* 25 papers in reputed journals & several annual reports; *Visited* UK, Denmark, Sweden, France and Austria; *Specln* Fodder and Grassland Resch; *Hobb* Tourism and sight-seeing; *Av'ble* for employment abroad (notice—six months); *Listed* Kingsmen 1919-57 (Cambridge) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Jiban Das Banerjee Lane, Howrah (W.B).

CHAND, (DR) JNANENDRA NATH; Asso Prof Plant Pathology Punjab Agrl Univ since 1964; *b* 1 Feb 1930, Danre, Distt Santhal Pargana (Bihar); *Edn* BSc (Agri) & MSc (Agri) Bihar Univ 1954 & 1957, PhD Univ of Wisconsin (USA) 1963; *Exp* Resch Asst 1954-55 & 1957-60, Post-Doctoral Fellow Wisconsin Univ (USA) Jan-May 1963, Asst Plant Pathologist (Bacterial Diseases) Punjab Agrl Univ 1963-64; *Mem* Indian Phytopathological Socy; *Pub* 15 resch & tech papers in journals of repute; *Visited* USA, UK, France, Switzerland and Italy; *Specln* Bacterial Plant Diseases (Plant Bacteriology); *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Danre, Distt Santhal Pargana (Bihar).

CHANDAN, (DR) RAMESH CHANDRA; Resch Asso Deptt of Dairy Science Univ of Nebraska (USA) since 1962; *b* 5 Jul 1934, Lahore (W.Pak); *Edn* BSc, BSc (Hons) & MSc (Hons) Panjab Univ 1953, 1955 & 1956, PhD Univ of Nebraska (USA) 1963; *Exp* Demonstrator & Lecturer Univ Coll, Hoshiarpur 1955-57, Lecturer Dairy Science Coll, Karnal 1957-59, Resch Asst Univ of Nebraska 1959-62; *Mem* Indian Dairy Science Assn, American Dairy Science Assn, Inst of Food Technologists, Sigma Xi, Gamma Sigma Delta and International Assn of Milk, Food and Environmental Sanitarians, Inc; *Pub* 30 papers in scientific journals of repute; *Knows* German; *Visited* Canada, Great Britain, France, Switzerland and Italy; *Specln* Dairy Techy and Biochemistry; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Dairy Science, University of Nebraska, Lincoln, Nebraska 68503 (USA).

CHANDRA, (DR) SUDHIR; Lecturer Botany Deptt Allahabad Univ; *b* 15 Aug

1936, Allahabad; *Edn* BSc, MSc and DPhil Allahabad Univ 1955, 1957 and 1961; *Mem* Indian Botanical Socy, National Academy of Science (India) and Indian Science Congress; *Pub* 16 papers in various international scientific journals; *Knows* German; *Specln* Plant Pathology; *Hobb* Dramatics; *Av'ble* for employment abroad (notice—one month); *Listed* National Register (CSIR) and 'Men of Sciences and Technology in India' (Premier Publishers India); *Add* Botany Department, Allahabad University, Allahabad (U.P).

CHANDRASEKARAN, ARTHANARICHETTY; PhD Student & Resch Asst Biochemistry & Nutrition Deptt V.P.I, Blacksburg (USA); *b* 21 Sep 1936, Salem (Madras State); *Edn* BSc (Agri) Madras Univ 1959, MSc (Agri) Annamalai Univ 1962; *Exp* Extension Officer (Madras Agri Deptt) 1959-60, Analytical Asst (Madras State Govt) Mar-Jun 1960, Lecturer Agrl Microbiology Annamalai Univ 1962-63; *Pub* Two papers (in collaboration with G. Rangaswami) published in journals of repute; *Visited* USA; *Knows* French; *Specln* Agri (Agrl Microbiology—Enzymology & Nutrition); *Hobb* Stamp collection, photography and hiking; *Av'ble* for employment abroad (notice--four months); *Add* 1 Ramalinga Madam Street, Gugai, Salem 6 (Madras State).

CHANDRASEKARAN, S; Reader Agrl Chemistry Annamalai Univ since 1962; *b* 26 Nov 1926, Chidambarama Taluk (Madras State); *Edn* BSc (Agri) Madras Univ 1949, MSc Annamalai Univ 1958, MS Tennessee Univ (USA) 1961; *Exp* Resch Asst Govt Resch Stn, Tindivanam 1952-53, Lecturer Agri Annamalai Univ 1953-62; *Mem* Indian Socy of Soil Science; *Pub* Six papers in Indian & foreign scientific & tech journals of repute; *Visited* USA; *Specln* Soil Science; *Hobb* Photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 27 Kanakasabai Nagar, P.O Chidambaram, Distt South Arcot (Madras State).

CHANDRATHIL, GEORGE KURIAN; Asst Forest Manager Bengal Paper Mills, Calcutta since 1965; *b* 11 Sep 1935; *Edn* BSc (Agri) Karnatak Univ 1959, BSc (Forestry) North Carolina Univ (USA) 1961; *Exp* Resch Asst Schl of Forestry, Releigh, North Carolina (USA) 1960-61, Forest Officer (Eucalyptus and Bamboo Plantations) West Coast Paper Mills, Dandeli (Mysore State) 1962-64; *Mem* Socy of American Foresters; *Visited* Africa, UAR, UK and USA; *Specln* Forest Management; *Hobb* Instrumental music and football; *Av'ble* for employment abroad (notice—one month); *Listed* Directory of the Members of the Socy of American Foresters & Technical Manpower Bulletin (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Chandrathil, Kurichy, Kottayam (Kerala).

CHATRATH, MANMOHAN SINGH; Plant Pathologist Mycology Div Indian Agrl Resch Inst, New Delhi; *b* 8 Jul 1931, Sayyad (W.Pak); *Edn* BSc, BSc (Hons) (Botany) and MSc (Botany) 1950, 1953 and 1955; *Exp* Lecturer Botany Khalsa Coll, Amritsar Oct-Nov 1955, Resch Asst & Asst Plant Pathologist Indian Agrl Resch Inst, New Delhi 1955-59 & 1959-64; *Mem* Pusa Agrl Resch Socy, New Delhi *Life-Mem* Indian Phytopathological Socy, New Delhi; *Pub* 16 papers Published in journals of repute; *Knows* German; *Specln* Plant Pathology, Physiology of Fungi and Radiation Biology; *Add* 472 Model Town, Ludhiana (Punjab).

CHATTORAJ, (DR) AMAR NATH; Asst Prof Agrl Zoology Allahabad Univ since 1960; *b* 10 Jun 1928, Allahabad (U.P); *Edn* BSc, MSc and DPhil Allahabad Univ 1948, 1950 and 1956; *Exp* Post-Doctoral Fellow (Entomology) Univ of Illinois (USA) Jun-Oct 1958, Post-Doctoral Fellow (Zoology & Entomology) Univ of Western Ontario (Canada) 1958-59; *Mem* Entomological Socy of America; *Fellow* Entomological Socy of India and Royal Entomological Socy of London; *Pub* More than one dozen scientific papers in Indian & foreign journals of repute and one tech report; *Visited* USA and Canada; *Specln* Entomology (Toxicology, Physiology and Economics); *Hobb* Travelling and stamp collection; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Assistant Professor of Agricultural Zoology, Allahabad University, Allahabad (U.P).

CHATURVEDI, GHANSHYAMDAS CHHOTALAL; Jr Scientific Officer Entomology Deptt Haffkine Inst, Bombay since Apr 1965; *b* 20 Sep 1935, Bombay; *Edn* BSc (Hons) & MSc (Zoology) Bombay Univ 1956 & 1958, Doing PhD (Zoology); *Exp* Part-Time Demonstrator Kirti Coll, Bombay 1956-57, Part-Time Demonstrator Jai Hind Coll, Bombay 1957-58, Biologist Ondez (India), Bombay Jun-Sep 1958, Sr Tech Asst Entomology Deptt Haffkine Inst, Bombay 1958-65; *Mem* Entomological Socy of India and Friends of Trees, Bombay; *Ex-mem* Bombay Biological Assn, Bombay; *Fellow* Royal Socy of Tropical Medicine & Hygiene, London; *Knows* French; *Specln* Entomology, Fleas in relation to Plague Epidemeology and Rats; *Hobb* Zoological & entomological collection, stamps and cricket; *Av'ble* for employment abroad (notice—six months); *Add* 336 B Kalbadevi Road, 3rd Floor, Room No. 8, Bombay 2 (Maharashtra).

GHAUDHARI, NARAYAN RANGO; Asst Silviculturist (Experiments) Forest Resch Inst, Dehra Dun since 1960; *b* 15 May 1923, Dhulia; *Edn* Ranges Cert Forest Resch Inst Colls, Dehra Dun 1946, BSc (Agri) Bombay Univ 1948, MS (Forestry) New York State Univ 1958; *Exp* Range Officer 1946-59, Asst Conservator of Forests (Maharashtra) 1959-60; *Mem*

Sigma Chi and International Socy of Tropical Ecology; *Pub* Sixteen resch papers published in reputed scientific journals, thesis for MS and thesis for PhD (under publication); *Visited* USA, Canada, W.Germany, Belgium, England, France, etc; *Knows* German; *Specln* Genetics & Tree Breeding, Seed Techy and Seed Testing; *Av'ble* for employment abroad (notice—six months); *Add* Care Shri R. R Chaudhari, 45 Ashoknagar, Poona (Maharashtra).

CHAUHAN, ANIL KUMAR; Jr Asst Soil Chemist Agrl Coll, Junagarh; *b* 20 Mar 1944, Aligarh; *Edn* BSc (Agri) Agra Univ 1963; *Specln* Agri; *Hobb* Photography and games; *Av'ble* for employment abroad (notice—one month); *Add* 11/232 Sutarganj, Kanpur (U.P).

CHAUHAN, (DR) KARAN SINGH; Reader & Head Horticulture Deptt Udaipur Univ since 1962; *b* 12 Feb 1934, Saharanpur (U.P); *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1955 & 1957, PhD Horticulture (Pomology) Univ of Florida (USA) 1961; *Exp* Resch Asst & Sr Lab Asst Univ of Florida (USA) 1958-61 & Aug 1961, Scientists Pool Officer CSIR, New Delhi Jan-Oct 1962; *Mem* American Socy for Horticultural Science (USA), Horticultural Socy of India and National Geographic Socy (USA); *Pub* Eight resch papers published in scientific journals of repute; *Knows* German and French; *Visited* UK, France, Italy, Switzerland and USA; *Specln* Horticulture (Pomology); *Hobb* Photography; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Bhari Dindarpur, Distt Sharanpur (U.P).

CHAUHAN, KRISHNA VIR SINGH; Animal Husbandry Extension Officer (Class II) Panchayat Samiti, Mavli (Rajasthan); *b* 31 Jul 1943, Bavasa, Distt Etah; *Edn* BVSc & AH U.P Agrl Univ, Pantnagar 1964; *Hobb* Interested in joining the Army after completing MVSc; *Av'ble* for employment abroad (notice—two months); *Add* Vill & P.O Bavasa, Distt Etah (U.P).

CHAUHAN, PURAN SINGH; Asst Agrostologist (H.P) Govt Livestock Farm, Kamand (Mandi); *b* 3 Mar 1932, Etah (U.P); *Edn* BSc (Agri) and MSc (Agri) (Agronomy) Agra Univ 1952 and 1955; *Exp* Asst Development Officer (Soil Conservation) 1955-57, Block Development Officer 1957-60; *Specln* Forage Crops; *Hobb* Photography and hunting; *Av'ble* for employment abroad (notice —three months); *Add* Vill Garhi-Madausa, P.O Patiali, Distt Etah (U.P).

CHET RAM; Immuno Geneticist Indian Vety Resch Inst, Izatnagar since 1961; *b* 22 Apr 1909, Vill Kanaudah, Distt Rohtak; *Edn* LVP & BA

Panjab Univ 1931 & 1942, Assoc IVRI 1960; *Exp* Vety Asst Surgeon & Clinical Asst to Prof of Medicine 1932-45, Asst Resch Officer Indian Vety Resch Inst, Izatnagar 1945-61; *Pub* 15 resch papers published in scientific journals of repute; *Knows* Persian; *Specln* Artificial Insemination and Immuno Genetics; *Hobb* Farming; *Av'ble* for employment abroad (notice—three months); *Add* No. 4, Hans Bhawan, Nai Basti, Bareilly (U.P).

CHINNADURAI, MUGASIMANGALAM ARUMUGAM; Asst Lecturer Chemistry Agrl Coll, Coimbatore; *b* 21 Jun 1938, Mugasimangalam, Distt & Taluq Coimbatore; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1959 and 1961; *Mem* Indian Socy of Soil Science, International Socy of Soil Science, Madras Agrl Students' Union, Coimbatore and Academy of Agrl Sciences, Coimbatore; *Pub* Submitted a dissertation entitled 'Lining on Soil Potash'; *Specln* Soil Science; *Hobb* Reading of books, chess and tennis; *Av'ble* for employment abroad (notice—five years); *Add* P.O Alandurai, Distt Coimbatore (Madras State).

CHOPDE, PURUSHOTTAM RAMCHANDRA; Lecturer Botany Coll of Agri, Akola since 1956; *b* 1 Mar 1926, Buldana; *Edn* BSc (Agri) Nagpur Univ 1947, Assoc IARI (Genetics & Plant Breeding) Indian Agrl Resch Inst, New Delhi 1954; *Exp* Resch Asst Agri Resch Inst, Nagpur 1947-56; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi and Board of Studies (Nagpur Univ); *Pub* Various popular articles on Agri; *Specln* Cytogenetics & Plant Breeding; *Hobb* Reading and swimming; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri R. K Chopde, Shelgaon Bazar, Tq Malkapur, Distt Buldana (Maharashtra).

CHOPRA, (DR) RAM NATH; Reader Botany Univ of Delhi since 1963; *b* 12 Oct 1929, Rawalpindi (W.Pak); *Edn* BSc (Hons), MSc, Cert in German and PhD Delhi Univ 1951, 1953, 1954 and 1959; *Exp* Resch Asst ICAR 1953-56, Resch Asst and Lecturer Botany Deptt Delhi Univ 1956-58 and 1958-63, is on the Biology Panel National Council of Educational Resch and Trg, has been an examiner for the Central Board of Secondary Edn and Univ of Delhi for several years; *Mem* Indian Botanical Socy, American Bryological Socy and International Socy of Plant Morphologists; *Pub* 24 resch papers in reputed scientific journals, two chapters in books and one tech report; *Visited* USA, Saudi Arabia, UAR, Italy, England, France and Spain; *Knows* German; *Specln* Morphology, Tissue Culture, Embryology and Bryology; *Hobb* Vocal music, photography, palmistry and portrait sketching; *Av'ble* for employment abroad after Jul 1966 (notice—six months); *Listed* National Register (CSIR); *Add* Reader in Botany, University of Delhi, Delhi 7.

CHOUDHARY, SHYAM SUNDER; Demonstrator Agronomy Ranchi Agrl Coll, Kanke, Ranchi (Bihar) since 1962; *b* 19 Oct 1938, Khairhin; *Edn* BSc (Agri) Bihar Univ 1958, MS (Agri) Oklahoma State Univ (USA) 1961; *Exp* Agrl Inspector May-Dec 1958, Grad Instructor Jan-Aug 1959, Sr Resch Asst Agronomy 1961-62; *Mem* Debating Socy; *Pub* Three resch papers; *Visited* USA, Ireland, England, Germany, France, Switzerland, Belgium, Italy and Egypt; *Specln* Crop Production (Agronomy); *Hobb* Music; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Khairhin, P.O Koath, Distt Shahabad (Bihar).

CHOWDHARI, ATINDRA NATH; Entomologist (Govt of H.P), Simla since 1960; *b* 1 Sep 1917, Calcutta; *Edn* BSc (Hons) (Zoology) & MSc (Zoology) Calcutta Univ 1938 & 1940, Assoc IARI (with distinction in Entomology) Indian Agrl Resch Inst, New Delhi 1950; *Exp* Inspector Sericulture (W.B Industries Deptt) 1940-45, Resch Officer Entomology (W.B Agri Deptt) 1945-54, Plant Protection Officer, Tripura 1954-60; *Mem* Entomological Socy of India, New Delhi; *Pub* Two papers published in journals of repute and eight papers and three articles in press; *Specln* Economic Entomology in Agri; *Av'ble* for employment abroad (notice—three months); *Add* 7A Bidyasagar Street, Calcutta 9 (W.B).

CHOWDHURY, SATYENDRA NARAYAN; Principal Sericulture Trg Inst, Zitabar since 1961 and Resch Officer-cum-Geneticist Sericulture Resch Stn, Zitabar (Assam) since 1957; *b* 1 Feb 1926, Dibrugarh (Assam); *Edn* BSc & MSc Calcutta Univ 1946 & 1948, doing DSc from Calcutta Univ; *Exp* Lecturer Zoology and I/c Science Section Dibrugarh H.S.K Coll, Dibrugarh 1950-51, Hony Lecturer and Resch Asst Spallanzani Inst of Zoology, Univ of Paria (Italy) 1951-54; *Mem* Assam Science Socy, Zoological Socy of Assam, Zoological Socy of India, Entomological Socy of India and Bombay Natural History Socy; *Pub* Books entitled 'Sericulture in Assam', 'The Silkward and Its Culture' & 'Genetics in Sericulture' and 43 resch papers published in reputed international journals; *Visited* Italy, Switzerland, France, UK, Sweden, Norway, Denmark, W.Germany and Austria; *Knows* Italian and French; *Specln* Silkworm Genetics; *Hobb* Riding and swimming; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Greham Bazar, Dibrugarh (Assam).

CHOWDURY, DHIRENDRA KUMAR; Asst Prof Statistics Central Inst of Fisheries Edn, Bombay since Mar 1962; *b* 1 Feb 1931, Parakuchi, Distt Kamrup (Assam); *Edn* BSc (Hons) and MSc (Statistics) Gauhati Univ 1951 and 1954; *Exp* Prof & Head Statistics Deptt J.B Coll, Jorhat (Assam) 1955-58, Lecturer & Head Statistics Deptt D.M Coll, Imphal

(Manipur) 1958-62; *Mem* Assam Science Socy and Assam Biological Socy; *Pub* Various articles on Popular Science in leading Assamese journals, many articles on Travel Experiences and of literary value in press and periodicals of Assam, also a number of skits, features & dramas for broadcast over AIR, Gauhati; *Visited* Burma; *Hobb* Broadcasting vocal music over AIR, singing and travelling; *Av'ble* for employment abroad (notice—three months); *Add* Vill Parakuchi, P.O Maniari Tinali, Via Palasbari, Distt Kamrup (Assam).

CLERK, KISHORE HIRALAL; Manager Surendranagar Milk Scheme, Wadhwan (Gujarat); *b* 19 Apr 1934, Cambay; *Edn* BSc (Agri) and MSc (Agri) (Dairy Science) Gujarat Univ 1955 and 1957; *Exp* Tech Officer Amul Dairy, Anand 1958-63; *Pub* Abstract of Research in Indian Science Congress Journal and a thesis; *Specln* Dairy Science; *Av'ble* for employment abroad (notice—four months); *Add* Mahant Road Extension, Vile Parle (East), Bombay 57 (Maharashtra).

D

DABRAL, BAL GOVIND; Resch Officer Forest Resch Inst & Colls, Dehra Dun since 1958; *b* 12 Jul 1927, Distt Garhwal (U.P); *Edn* MSc (Agri) B.H Univ 1948, Trg in Agrl Meteorology India Meteorological Deptt, Poona 1957, Trg in Watershed Management 1959-60; *Exp* Resch Asst and Sr Resch Asst Inst of Crop Physiology (Agri Deptt), Lucknow 1949-51 and 1951-58; *Mem* Indian Socy of Plant Physiology, Indian Meteorological Socy, Soil Conservation Socy of India and Socy of Indian Foresters; *Pub* 12 resch papers and eight articles published in journals of repute; *Specln* Crop Physiology, Agri & Forest Meteorology and Watershed Management; *Hobb* Reading; *Av'ble* for employment abroad (notice—4/6 Months); *Add* Research Officer, F.R.I & Colleges, P.O New Forest, Dehra Dun (U.P).

DAHIYA, (DR) RAGHUNATH SINGH; Asst Prof Food Microbiology Food Science Deptt N.C State Univ, Raleigh (USA) since 1965; *b* 4 Oct 1931; *Edn* BSc (Agri) & MSc (Agri) Panjab Univ 1951 & 1953, PhD Univ of North Carolina (USA) 1962; *Exp* Agri Inspector Agrl Deptt (Govt of Punjab) 1953-56, Dairy Manager, Lecturer Animal Husbandry & Dairying Govt Agrl Coll, Ludhiana 1956-58, Resch Asst Dairy Bacteriology N.C State Univ, Raleigh (USA) 1959-62, Resch Asso Food Microbiology 1962-65; *Mem* American Socy for Microbiology, American Dairy Science Assn, Inst of Food Technologists, Sigma Xi and National Geographic Socy (USA); *Pub* Seven resch papers published in journals of international repute; *Visited* USA; *Specln* Dairy & Food Microbiology; *Hobb* Swimming, stamps & coin collection and reading historical & geographical books; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Jage Ram Dahiya, Dev Colony, Rohtak (Punjab).

DAMODARAN, SADACHAVAKAM; Reader Pathology Madras Vety Coll, Madras since 1958; *b* 27 Jul 1922, Calcutta; *Edn* Dip GMVC Madras Govt 1943, BVSc and MSc Madras Univ 1944 and 1956; *Exp* Vety Asst Surgeon, Asst Lecturer Pathology, Asst Lecturer Bacteriology, Lecturer Bacteriology and Lecturer Anatomy Madras Vety Coll, Madras 1944-47, 1947-52 1954-56, 1956 and 1956-58; *Pub* Ten articles published in Indian Vety Journal; *Specln* Vety Pathology; *Listed* 'Men of

Sciences & Technology in India' (Premier Publishers India); *Add* No. 12 Venkatarama Iyer Street, P.O Mint Buildings, Madras 1.

DANI, NAREN ISHVERLAL; Lecturer Biology Deptt V.S Patel Coll, Bilimora (Gujarat) since 1963; *b* 2 Jul 1936, Baroda (Gujarat); *Edn* BSc (Hons) and MSc Baroda Univ 1957 and 1959; *Exp* Tutor Biology Patan Coll, Patan 1959-60, Lecturer Biology Sheth P.T Coll, Godhra 1960-62, Lecturer Bhavan's Coll, Dakor (Kaira) 1962-63; *Pub* Articles of popular interest in General Biology; *Specln* Plant Ecology; *Hobb* Dramatics and cricket; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* Mahajan's Lane, Raopura, Baroda (Gujarat).

DANIEL, JULIUS; Vety Asst Surgeon Poultry Extension Centre, Peraiyur, P.O Mudukulathur since Jul 1964; *b* 30 Jul 1939, Maskeliya (Ceylon); *Edn* BVSc Madras Univ 1962; *Exp* Vety Asst Surgeon Vety Hospital, Watrap 1962 63, Vety Asst Surgeon Vety Hospital, Paramakudi 1963-64; *Mem* Madras Vety Asst Surgeons Assn; *Pub* Two papers on 'Rabies' and 'Synchronology of the Terms Annorexia and Dyspepsia'; *Visited* Ceylon; *Knows* Singhalese; *Specln* Poultry Husbandry; *Hobb* Gardening and histrionics; *Av'ble* for employment abroad (notice—two months); *Add* C 191 Thirunagar, Madurai 6 (Madras State).

DANIEL, SHANTHA SIROMANIE; Vegetable Asst (Vegetable Section) Agrl Coll & Resch Inst, Coimbatore ; *b* 7 Nov 1943, Tirunelvely; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1963 and 1965; *Mem* Academy of Agrl Resch and Madras Agrl Students' Union; *Pub* A resch paper on 'Estimation of Fruitfulness in Grapes' and a thesis; *Specln* Horticulture; *Hobb* Sports, kitchen gardening, stamp-collection and indoor games; *Av'ble* for employment abroad (notice—one month); *Add* Care Dr Sundararaj Daniel, Systematic Botanist, Agricultural College, Coimbatore (Madras State).

DARAN, (DR) D. V; Prof K.G.F First Grade Coll, Corgram (Mysore State) since 1963; *b* 17 Nov 1907; *Edn* BA Madras Univ 1926, PhD and DIC London Univ 1931; *Exp* Plant Pathologist Rubber Resch Inst of Malaya State, Kualalumpur FMS 1934-39, Kings Commissioned Officer under Allied Command Middle East Forces (in India), 1940-45 and 1945-49, Tech Expert and Adviser Ministry of Agri (Govt of Indonesia) 1950-57, Secy Royal Agri-Horticulture Socy of India, Calcutta 1957-59; *Fellow* RMS and LS; *Pub* Books entitled 'The Processes of Reproduction in Mucorinal', 'Life History of Dicranopherafulva' and several resch papers published in reputed journals; *Knows* French, German, Malayu and Indonesian; *Visited* UK, North Africa, Palestine, Turkey, Iraq, Iran, Indonesia, Japan and Malaya; *Specln* Plant Pathology, Plant Physiology and Economic Botany; *Hobb* Painting, sculpture and literature;

Av'ble for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* 1/261 A Prakasam Road, Tirupati (A.P).

DAS, DINESH CHANDRA; Soil Conservation Officer (Engg) Soil Conservation Resch Demonstration & Trg Centre, Ootacamund since Jul 1965; *b* 12 Jan 1935, Dacca (E.Pak); *Edn* BTech (Hons) Indian Inst of Techy, Kharagpur 1957; *Exp* Instructor Soil Conservation Trg Inst, Muzaffarabad 1957-59, Agrl Engr (NEFA), Shillong 1959-63, Asst Soil Conservation Officer Soil Conservation Resch & Trg Centre Ootacamund 1963-65; *Mem* Indian Socy of Agrl Engrs; *Specln* Soil & Water Conservation Engg; *Hobb* Reading and writing ; *Add* 43/1 Gopal Banerjee Lane, Block 5, Howrah (W.B).

DAS, RADHA RAMAN; Lecturer Schl of Studies in Botany Vikram Univ since 1961 ; *b* 23 Aug 1936, Varanasi; *Edn* BSc (Hons) and MSc B.H Univ 1956 and 1958; *Exp* Lecturer Botany B.H Univ 1958-59, Jr Resch Fellow (CSIR) B.H Univ 1959-61; *Mem* Indian Botanical Socy, International Socy of Tropical Ecologists and Indian Science Congress; *Fellow* Indian Botanical Socy; *Pub* Three papers in scientific journals of repute; *Specln* Ecology and Plant Physiology; *Hobb* Literature and travelling; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Basanti Katra, Gopaldas Shah Street, Varanasi (U.P).

DAS, (DR) SHAILENDRA MOHAN; Prof & Head Zoology Deptt J&K Univ, Srinagar (Kashmir) since 1961; *b* Oct 1909, Dehra Dun (U.P); *Edn* MSc (Zoology) (first class first) and DSc Lucknow Univ 1930 and 1934; *Exp* Lecturer Zoology and Reader Zoology Lucknow Univ 1936-52 and 1952-61, Contributed valuable data through continuous resch on Fishes especially on Fish-Ecology, Recipient of U.P Edn Minister's Gold Medal (1957) and Guided eight PhD theses; *Mem* High Altitude Fish Committee (Govt of India); *Pres* International Socy of Ichthyology & Hydro-biology and Indian Academy of Zoology; *Pub* Books on 'Herdamania', 'Giant Animals', 'Funambulus' & 'Six Miles Under the Sea', 100 original papers and 30 scientific articles in reputed journals; *Visited* USA, UK and Continental Countries (on Foreign State Scholarship); *Knows* French and German; *Specln* Ichthyology, Ascidiology, Marine Biology, Protozoology and Fisheries, Was Granted Rs 71 900 for ICAR Fish Ecology Scheme at Lucknow Univ; *Hobb* Tennis and golf; *Av'ble* for employment abroad (notice—six months); *Listed* 'World Oceanographers', 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* T.G New Civil Lines, Lucknow (U.P).

DAS, (DR) VALLABHANENI SITA RAMA; Reader Botany S.V Univ since

1960; *b* 5 Feb 1933, Gudlavalleru, Distt Krishna; *Edn* BSc Andhra Univ 1951, MSc Delhi Univ 1953, DPhil Oxford Univ (England) 1957; *Exp* Asst Prof Botany Allahabad Univ 1957-59, Resch Plant Physiologist California Univ (USA) 1959-60; *Mem* Indian Botanical Socy, Indian Socy of Plant Physiologists, American Socy of Plant Physiologists and Japanese Socy of Plant Physiologists; *Pub* Fourteen resch papers published in various scientific journals of repute; *Visited* Sweden, England and USA; *Specln* Plant Physiology and Biochemistry; *Hobb* Gardening, general reading and philately; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Botany, S.V University, Tirupati, Distt Chittoor (A.P).

DAS, (DR) VANAMALA MANOHAR; Lecturer Coll of Science Osmania Univ; *b* 12 Aug 1927, Hyderabad (A.P); *Edn* BSc, MSc and PhD Osmania Univ 1949, 1951 and 1957; *Pub* Eight papers in foreign journals of repute; *Visited* Canada, England and Netherlands; *Specln* Morphology & Taxonomy in Plant Soil Nematodes; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Zoology,Osmania University, Hyderabad (A.P).

DAS GUPTA, BIBHUTI RAJAN; Resch Asso York & Tabor Roads, Phila Pa 1914 (USA); *b* 3 Mar 1934, Calcutta; *Edn* BSc & BSc (Agri) B.H Univ 1954 & 1957, MS (Biochemistry) Oklahoma State Univ (USA) 1960; *Exp* Agri Inspector Sugarcane Resch Inst, Pusa 1957-58, Resch Asst Oklahoma State Univ (USA) 1958-60, Resch Chemist R.I French Company, Rochester, New York (USA); *Mem* American Chemical Socy; *Pub* Several papers published in journal of Biological Chemistry, a Biochimica et Biophysica Acta and Analytical Biochemistry; *Visited* USA, Northern Europe and Canada; *Specln* Biochemistry (Physiologically Active Natural Products, particularly Proteins and Peptides); *Add* Care Shri P. R Das Gupta, Motijhil, Muzaffarpur (Bihar).

DATT, (DR) NARINDAR SINGH; Resch Officer Foot-And-Mouth Indian Vety Resch Inst, Mukteswar-Kumaon since 1960; *b* 11 Sep 1923, Virum Dattan, Distt Gurdaspur; *Edn* LVP (Hons) & BVSc Panjab Univ 1945 & 1954, PhD Cambridge Univ 1957; *Exp* Resch Asst and Asst Resch Officer Indian Vety Resch Inst, Mukteswar-Kumaon 1946-54 and 1954-60, Colombo Plan Resch Fellow 1955-57, Nuffield Foundation (Post-Doctorate) Resch Fellow 1962-63; *Pub* Various scientific papers in leading journals of India and abroad; *Visited* UK, France, Germany, Italy, Netherlands, and Switzerland; *Specln* Animal Virology; *Hobb* Walking (Ex-Punjab Olympic Cha npion in Walking—1944); *Av'ble* for employment abroad after Jul 1966 (notice—three months); *Add* Research Officer, Indian Veterinary Research Institute, Mukteswar-Kumaon, Distt Nainital (U.P).

DATTA, (DR) NARAYAN PADA; Head Soil Science & Agrl Chemistry Div Indian Agrl Resch Inst, New Delhi since 1962; *b* 2 Mar 1913; *Edn* BSc (Hons), MSc and DSc Calcutta Univ 1935, 1937 and 1946; *Exp* Agronomist, Soil Scientist (Chemistry Div) and Special Officer (Chemistry Div) Indian Agrl Resch Inst, New Delhi 1949-53, 1953-59 and 1959-62; *Mem* Indian Socy of Soil Sciences and American Socy of Agronomy; *Visited* USA and Austria; *Specln* Soils, Plant Nutrition and Physical Chemistry; *Hobb* Photography; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Bungalow No. 4, Pusa Institute, Indian Agricultural Research Institute, New Delhi-12.

DATTA, PUSHKAR; Resch Officer (Statistics) Central Inland Fisheries Resch Inst, Manirampur, Barrackpore since 1963; *b* 1 Jan 1935, Calcutta; *Edn* BSc & MSc Calcutta Univ 1954 & 1956; *Exp* Statistical Asst and Statistician Jute Agrl Resch Inst, Barrackpore 1957-60 and 1960-63; *Pub* Scientific paper on 'Responses of Jute to Nitrogen Manuring' and Proceedings of Indian Science Congress'; *Specln* Statistics; *Av'ble* for employment abroad (notice—three months); *Add* Central Fisheries Research Institute, P.O Manirampur, Barrackpore, Via Calcutta (W.B).

DATTA, (DR) ROBINDRA MOHAN; Univ Lecturer Agri Deptt Calcutta Univ since 1955; *b* 1 Dec 1907, Calcutta; *Edn* BSc (Hons), MSc and DPhil Calcutta Univ 1928, 1932 and 1962; *Exp* Botanical Officer (Bengal) 1937-44, Lecturer Botany Jagannath Coll, Dacca 1944-45, Cytologist Jute Agri Resch Inst, Barrackpore 1945-55; *Mem* Botanical Socy of Bengal and Indian Science Congress; *Secy* Agrl Socy (India) and Indian Science Congress; *Pub* 150 scientific papers published in various scientific journals of repute, numerous articles in 'The Modern Review', 'The Calcutta Review', 'India & The World' & 'The Indian Review' and scientific annual reports published by Govt of Bengal; *Specln* Cytogenetics; *Hobb* Horticulture; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India'; *Add* Agriculture Department, Calcutta University, 35 Ballygunge Circular Road, Calcutta 19.

DATTARAY, (DR) (MISS) PROTIMA; Pool Officer (CSIR) Botany Deptt Calcutta Univ since 1964; *b* 10 Sep 1936, Calcutta; *Edn* BSc & MSc Calcutta Univ 1955 & 1957, PhD London Univ 1963; *Exp* Jr Resch Fellow CSIR, New Delhi 1958-60; *Mem* Botanical Socy of Bengal and Indian Science Congress Assn (Secured Commonwealth Scholarship under the Commonwealth Scholarship & Fellowship Plan in UK 1960); *Visited* UK, France, Germany, Austria, Switzerland, Belgium and Holland; *Knows* German; *Specln* Study of Plant Metabolism; *Hobb* Reading, travelling, art and music; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 701 F 'P' Block, New Alipore, Calcutta (W.B).

DAVID, (DR) AUGUSTINE; Sr Resch Officer Central Inland Fisheries Resch Sub-Stn, Thungabhandra Dam (Mysore State) since 1963; *b* 17 Jan 1919, Tirthahalli (Mysore State); *Edn* BSc and DSc Mysore Univ 1940 and 1960; *Exp* Resch Asst Fisheries Deptt (Mysore State) 1940-46, Asst Director of Fisheries (Inland) Govt of Sindh (Karachi) 1946 47, Asst Resch Officer & Resch Officer Central Inland Fisheries Resch Inst, 1947-63; *Mem* National Academy of Sciences in India, Allahabad; *Pub* About 30 resch papers published in various journals of repute; *Visited* Canada, UK, USA and Japan; *Specln* Various aspects of Fresh-Brackish Water Developmental Resch; *Hobb* Classical Indian music and photography; *Av'ble* for employment abroad (is on the list of FAO Experts); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Central Inland Fisheries Research Institute, Barrackpore, Via Calcutta (W.B).

DAYAA KRISHNA (DR); Principal Govt Coll, Sirohi (Rajasthan) since 1962; *b* 13 Jul 1916, Alwar (Rajasthan); *Edn* MSc & DPhil Allahabad Univ 1938 & 1943, PhD Cambridge Univ 1949; *Exp* Prof Zoology Birla Coll, Pilani 1950-51, Programme Specialist (UNESCO) 1951-52, Prof Zoology, Jodhpur & Ajmer 1953-62; *Pub* Report to UNESCO on 'Animals of the Desert of Rajasthan' and many resch pepers published in scientific journals of repute; *Visited* England, France, Switzerland, Italy and Egypt; *Knows* French; *Specln* Ecology and Cytology; *Hobb* History, literature and drawing; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Principal, Government College, Sirohi (Rajasthan).

DAYANAND; MVSc (Bacteriology) Student; *b* 1 Jan 1945, Dehra Dun; *Edn* BVSc & AH U.P Agrl Univ 1964 (Stood first in Coll Essay Competition); *Exp* Attended Summer Schl in Microbiology Sponsered by U.G.C & U.S.A.I.D Univ of Illinois at Pantnagar; *Mem* Post-Grad Socy and Vety Socy of Agrl Univ, Pantnagar; *Hobb* Stamp-collection; *Add* 606 Bamanpuri, Bareilly (U.P).

DE, BARINDRA NATH; Conservator of Forests Central Circle, Calcutta since 1961; *b* 1 Apr 1922, Lalbagh (W.B); *Edn* BSc (Hons) & MSc Calcutta Univ 1942 & 1944, AIFC, Dehra Dun 1945-47, Higher Course of Forestry Studies Oxford Univ (UK) 1953-54; *Exp* Divisional Forest Officer Jalpaiguri and East Midhnapur Divs 1954-57 and 1957-61; *Mem* Botanical Socy of W.Bengal; *Pub* Proceedings of National Inst of Sciences 1948, some articles in 'The Statesman', Calcutta and reports in W.B Forest Bulletin 4, 1957; *Visited* UK, Switzerland, France, Austria, W.Germany and Italy; *Specln* Problems in connection with Fixation of Shifting Sands; *Hobb* Visiting ancient temples and colour photography; *Av'ble* for employment abroad (notice—six months); *Add* Care Chief Conservator of Forests, Writers Buildings, Calcutta 1 (W.B).

DE, (DR) SAMARENDRA KUMAR; Asst Prof Chemistry Allahabad Univ since 1959; *b* 23 Jan 1933, Allahabad; *Edn* BSc (Agri), MSc (Agrl Botany), MSc (Agrl Chemistry), DPhil (Chemistry) and Dip French Allahabad Univ 1952, 1954, 1957, 1960 and 1960; *Exp* Subject Matter Specialist (Agronomy) Agri Deptt Monghyr (Bihar) Jan-Jun 1955; *Mem* International Socy of Soil Science and National Academy of Science (India); *Council-Mem* Indian Socy of Soil Science; *Fellow* Indian Chemical Socy; *Pub* Three books on 'Methods of Soil Analysis', 'Practical Agricultural Chemistry' and 'Statistical Principles for Chemists', 40 papers on 'Plant Physiology, Clay Minerology, Soil Science and Soil Microbiology' published in various scientific journals of repute, two popular scientific articles (in Bengali) and two other religious articles in English; *Knows* French; *Specln* Agrl Chemistry, Agrl Botany and Phytopathology; *Hobb* Writing of popular articles on Science and Region in English and Bengali; *Av'ble* for employment abroad (for a short period only); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Uriagoswami Para, Santipur, Distt Nadia (W.B).

DEO, (DR) PRABHAKAR GAJANAN; Asst Helminthologist Indian Vety Resch Inst, Izatnagar since Jun 1965; *b* 11 Aug 1921, Nagpur; *Edn* BSc & LLB Nagpur Univ 1942 & 1944, MSc and DPhil (Zoology) Bombay Univ 1951 and 1954; *Exp* Resch Asst & Asst Helminthologist Indian Vety Resch Inst, Izatnagar 1944-55 & 1955-64, Officiating Prof Parasitology Post-Grad Coll of Animal Sciences, Izatnagar 1964-65; *Mem* Helminthological Socy of India; *Pub* Monograph on 'Roundworms of Poultry' (ICAR Publication under print) and 15 papers in scientific journals of repute; *Knows* German; *Specln* Helminthology; *Hobb* Games, music and reading; *Av'ble* for employment abroad (subject to permission of Govt); *Add* Care Sri G. B Deo, Advocate, Bhandara (Maharashtra).

DEODIKAR, (DR) GOVIND BALKRISHNA; Director & Prof Genetics & Economics Botany M.A.C.S and Hony Scientific Adviser All India Village Industries Commission since 1960; *b* 15 Nov 1915, Distt Sholapur; *Edn* BSc, LLB and PhD Bombay Univ 1937, 1941 and 1942; *Exp* Resch Officer Plant Breeding Agri Deptt (Bombay State) 1942-50, Hony Director Agrl & Sericultural Labs, Mahabaleshwar 1952-60, Cyto-Geneticist M.A.S.C, Poona 1952-62; *Mem* Indian Socy of Genetics & Plant Breeding, AFDC Committees of Indian Standards Instn, International Bee Resch Assn, etc; *Pub* Two books 'A Design for the Layout of Indian Transport & Communication System' and 'Rye' (Secale Cereale), about 60 resch papers on 'Cyto-Genetics & Breeding of Various Crops and Animals' (Indian Honeybees & Silkworms), etc; *Visited* Bologna Rome as a Govt of India delegate for International Bee-Keeping Congress; *Knows* German; *Specln* Cyto-Genetics and Economic

Botany; *Hobb* Music and drawing; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Director, Maharashtra Association for the Cultivation of Science, Poona 4 (Maharashtra).

DESAI, AMARATLAL MAGANLAL; Headmaster Satya Kabir Govt Sr Lokshala, P.B 90, Jamnagar; *b* 3 Mar 1924, Endhal, Distt Bulsar; *Edn* BSc (Agri) Bombay Univ 1950, Dip Edn & Dip Physical Edn Bombay Edn Deptt 1954 & 1956, Hindi Vinit Gujarat Vidyapeeth, Ahmedabad 1954; *Exp* Asst Master Govt Agrl High Schls 1950-56, Asst Master Govt Primary Trg Colls 1956-59, Headmaster Govt Sr Lokshala, Bhavnagar 1960-62, Submitting thesis for MEd to M.S Univ, Baroda; *Specln* Basic Edn, Physical Edn and Teaching Agri; *Hobb* Gardening, games, spinning and teaching; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* Devai Falia (Khera), Abrama, Via Vedchha, Distt Bulsar (Gujarat).

DESAI, BABASAHEB BALASAHEB; Agrl Demonstrator Horticulture Deptt, Athari (Mysore State) since Jan 1964; *b* 23 Sep 1939, Honwad (Mysore State); *Edn* BSc (Agri) Karnatak Univ 1963; *Hobb* Plays, etc; *Av'ble* for employment abroad; *Add* At & Post Kokatnur, Taluk Athari, Distt Belgaum (Mysore State).

DESAI, (DR) RAMCHANDRA NARAYAN; Prof & Head Animal Sciences Div U.P Agrl Univ, Pantnagar since 1963 and Dean since 1964; *b* 5 Nov 1912, Sawantwadi, Distt Ratnagiri; *Edn* Dip GBVC Bombay Vety Coll 1936, Asso IDRI Indian Dairy Resch Inst, Bengalore 1942, MS Michigan State Coll (USA) 1948, PhD Minnesota Univ (USA) 1950; *Exp* Lecturer Animal Husbandry & Dairying Coll of Agri B.H Univ 1945-57, Prof & Head Animal Genetics & Breeding Deptt and I/c Animal Genetics Section Livestock Resch Stn, Mathura 1958-63; *Pub* Tech books on 'Artificial Insemination in Animals' (in Hindi), about 30 papers on 'Inheritance of Sheep Economic Character of Indian Cattle' and 'Breeding of Poultry'; *Visited* USA, UK, France, Geneva and Switzerland; *Knows* French and German; *Specln* Animal Genetics and Breeding in general and Population Genetics in particular; *Hobb* Painting and sculpture; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Sawantwadi, Distt Ratnagiri (Maharashtra).

DESHMUKH, YESHWANTRAO SHANKARRAO; Lecturer Botany Faculty of Science Baroda Univ since 1958; *b* 12 Jan 1922, Yeola, Distt Nasik; *Edn* BSc and MSc Bombay Univ 1945 and 1951; *Exp* Demonstrator Botany

Baroda Univ 1945-58; *Mem* Botanical Socy (Baroda Univ); *Pub* 14 papers and articles published in various scientific journals of international fame; *Knows* French; *Specln* Plant Embryology and Anatomy; *Hobb* Pen-Friendship; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village & P.O Andarsul, Taluka Yeola, Distt Nasik (Maharashtra).

DESHPANDE, GOPINATH RANGNATH; Asst Master Multipurpose High Schl Z.P, Osmanabad since 1960; *b* 14 Sep 1932; *Edn* BSc (Agri) Osmania Univ 1954; *Exp* Agrl Supervisor Agri Deptt (Govt of Maharashtra) 1955-60; *Visited* Ceylon; *Specln* Sericulture; *Hobb* Reading; *Av'ble* for employment abroad (notice—one month); *Add* Kaska, Osmanabad (Maharashtra).

DESHPANDE, SHARASCHANDRA DINKAR; Resch Officer (Craft & Gear) Central Inst of Fisheries Techy Sub-Stn, Veraval since Feb 1963; *b* 13 Apr 1927, Yeotmal; *Edn* BSc Nagpur Univ 1949, Post-Grad Course Central Inland Fisheries Trg Inst, Barrackpore 1952; *Exp* Headmaster Govt Fisheries Schl, Satpati 1949-51, Resch Asst Fisheries Deptt, Bombay 1952-55, Gear Technician Govt Fisheries Trg Centre, Satpati 1955-58, Asst Resch Officer (Fishing Methods) Central Inst of Fisheries Techy, Cochin 1958-62, Resch Officer Central Inst of Fisheries Techy Sub-Stn, Kakinada 1962-63; *Founder Mem* Socy of Fishery Technologists (India); *Pub* Fourteen papers published in journals of repute; *Visited* Japan; *Knows* Japanese; *Specln* Fishing Gear Design, Constns Operation along the Indian Coast and Trg of Fishermen in Navigation, Seamanship & Modern Methods of Fishing; *Hobb* Fishing and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri M. D Deshpande, Central Medical Stores, Sitabuldi, Nagpur (Maharashtra).

DESHPANDE, SHRIDHAR BALKRISHNA; Agrl Supervisor Regional Sugarcane Resch Sub-Stn, Kolhapur since Dec 1963; *b* 21 Jul 1937, Mangrul, Distt Sangli; *Edn* BSc (Agri) Poona Univ 1962; *Exp* Agrl Supervisor I/c Taluka Seed Farm, Vita, Distt Sangli 1962-63; *Pub* Various poems and stories published in reputed Marathi magazines; *Specln* Farm Management and Agrl Technique; *Hobb* Reading, writing and gardening; *Av'ble* for employment abroad (notice—three months); *Add* At & Post Mangrul, Peta-Shirala, Distt Sangli (Maharashtra).

DEVENDRA KUMAR; Jr Tech Officer Directorate of Sugar & Vanaspati (Min of Food & Agri), New Delhi since 1957; *b* 15 Jun 1934, Muzaffarnagar (U.P); *Edn* BSc Agra Univ 1952, AIIST Indian Inst of

Sugar Techy, Kanpur 1955; *Exp* Apprentice Foreman Mawana Sugar Works, Mawana 1954-56, Asst Directorate of Sugar & Vanaspati, New Delhi 1956-57, Chemist I/c (Cane Price Scheme) National Sugar Inst, Kanpur Feb-Jun 1957, Tech Asst Directorate of Sugar & Vanaspati Jul-Oct 1957; *Specln* Installation Expansion and Running of a Sugar Factory; *Hobb* Photography; *Av'ble* for employment abroad (notice—four months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 'Reghunath Kutir' 110 C, New Mandi, Muzaffarnagar (U.P).

DHARAMASINGH, D. JOSEPH; Inspector of Fisheries, Fisheries Deptt (Madras State); *b* 16 Apr 1939, Marthandam, Distt Kanyakumari; *Edn* BSc (Hons) and MSc Annamalai Univ 1961 and 1963; *Exp* Demonstrator Zoology V.H.N.S.N Coll, Virudhunagar; *Pub* Reports on 'The Problem of Delayed Development of Stomach in Rhacophorus Maculatus Bouling' and 'Some Studies on Digestive System of Uca Annulips'; *Specln* Entomology and Marine Biology; *Hobb* Football; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* D-2 Netaji Road, Virudhunagar (Madras State).

DHILLON, JUGRAJ SINGH; Demonstrator Cattle Physiology National Dairy Resch Inst, Karnal since 1965; *b* 1 Jul 1940, Vill Jhunir, Distt Bhatinda (Punjab); *Edn* BVSc & AH (first class) and MSc (Dairying) (Dairy Husbandry) (first class) Panjab Univ 1962 and 1965; *Exp* I/c Pig Breeding Scheme and I/c Dairy Section Govt Livestock Farm, Hissar Oct-Dec 1962 and Jan-Jul 1963, Was awarded Jr Fellowship by Indian Council of Agrl Resch 1963-65; *Pub* MSc dissertation on 'Effect of Management Factors on Seman Quality of Dairy Bulls' (Shelter Needs); *Specln* Physiopathology of Reporoduction and Artificial Insemination of Farm Animals (Did three months Post-Grad Course in Advanced Trg from Punjab Agri Univ-1963); *Hobb* Reading dailies; *Av'ble* for employment abroad (notice—one month); *Add* Vill Jhunir, Via Mansa, Distt Bhatinda (Punjab).

DHINGRA, KULDEEP KUMAR; Lecturer Botany P.G.V Coll, Gwalior; *b* 9 Jan 1942, Malakwal, Distt Gujrat (W.Punjab); *Edn* BSc and MSc (Botany) Vikram Univ 1962 and 1964; *Mem* Indian Botanical Socy and Indian Science Congress Assn; *Specln* Plant Ecology; *Hobb* Photography; *Add* 85 Gandhi Market, Lashkar, Distt Gwalior (M.P).

DHILLON, KUNDAN SINGH; Asst Prof Pharmacology Coll of Vety & Animal Science Punjab Agrl Univ, Hissar since Feb 1964; *b* 20 Jun 1934, Vill Thathi, P.O Thathi-Khara, Distt Amritsar (Punjab); *Edn* BVSc & AH Panjab Univ 1956, MSc Ohio State Univ 1961; *Exp* Vety Asst Surgeon

1956-60, Demonstrator Feb-Aug 1962, Asst Resch Officer Tonic Plants 1962-64; *Mem* Grad Studies Punjab Agrl Univ; *Pub* Annual Progress Report of Toxic Plants Scheme for the years 1962-63 and 1963-64; *Visited* USA; *Specln* Vety Pharmacology; *Hobb* Vegetable growing; *Av'ble* for employment abroad (after Feb 1967); *Add* Vill Thathi, P.O Thathi-Khara, Distt Amritsar (Punjab).

DNYANSAGAR, (DR) VISHNU RAMCHANDRA; Prof & Head Botany Deptt Inst of Science, Bombay (State Edn Service) since 1946; *b* 17 Sep 1918, Kamptee, Distt Nagpur; *Edn* MSc Botany (first class) & PhD Nagpur Univ 1942 & 1955, PhD Wisconsin Univ (USA) 1959; *Exp* Asst Biochemist Agri Deptt, C.P & Berar 1944-46; *Mem* Sigma Xi Socy (USA); *Foundation Mem* International Socy for Plant Morphologists; *Fellow* Indian Botanical Socy; *Pub* Textbook of 'Intermediate Practical Botany' (in Marathi language), 30 resch papers published in various scientific journals of repute, popular scientific articles on Physical Edn (in Marathi language); *Visited* USA, UK, France, W.Germany, Holland, Italy and Switzerland; *Knows* German and French; *Specln* Embyology of Angiospherms & Cytogenetics; *Hobb* Physical Edn and photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Opposite Maharashtra Office, Ogale Road, Nagpur 2 (Maharashtra).

DUBE, DIVYA MURTI; Lecturer Digvijai Coll, Rajnandgaon since 1962; *b* 18 Mar 1936, Jodhpur; *Edn* BSc Agra Univ 1956, MSc Rajasthan Univ 1958; *Exp* Sr Teacher Higher Secondary 1958-59, Lecturer Zoology Maharaja's Coll, Jaipur 1959-61, Lecturer Zoology Govt Coll, Kaladera (Rajasthan) 1961-62; *Specln* Fishes; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 128/86E Kidwai Nagar, Kanpur (U.P).

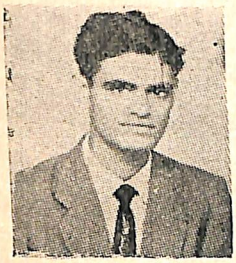
DUGGAL, (DR) SOHAN LAL; Asst Prof Agrl Geography Punjab Agrl Univ, Hissar since 1964; *b* 12 Aug 1921; *Edn* MA (Geography) and PhD Panjab Univ 1950 and 1961; *Exp* Lecturer Geography K.G.K Coll, Moradabad 1954-55, Head Geography Deptt S.D Coll, Muzaffarnagar 1955-64; *Mem* Indian Science Congress and Council of Indian Geographers; *Pub* Five books 'Manchitra Kala', 'Bhautik Bhugol Ke Adhar', 'Bharat, Ek Bhaugolik Adhayan', 'Bharat Ka Arthik Bhugol' and 'Manav Bhugol' four papers published in journals of repute; *Specln* Agrl Geography and Land Use Studies; *Hobb* Gardening; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kot Kuljas Rai, Batala, Distt Gurdaspur (Punjab).

DURAIRAJ, GOVINDASAMYARAJA; Lecturer Zoology Annamalai Univ; *b* 15 Aug 1935, Kanivyakkudi (Madras State); *Edn* BSc, BSc (Hons), MA, MSc and Dip in German Annamalai Univ 1956, 1958, 1959, 1961 and

1965; *Pub* Three papers published in Journal of Annamalai Univ; *Knows* German and French; *Specln* Physiology; *Hobb* Bird watching; *Av'ble* for employment abroad (notice—one year); *Add* Kanniyakkudi, P.O Tiruppungur, Via Vaitheeswarankoil, Distt Tanjore (Madras State).

DURVE, (DR) VINAYAK SADASHIV; Asst Resch Officer Central Marine Fisheries Resch Inst, Mandapam Camp; *b* 21 Mar 1931, Pandharpur; *Edn* BSc (Hons) (first class), MSc and PhD Bombay Univ 1953, 1955 and 1960; *Exp* Demonstrator Degree Classes Ramnarain Ruia Coll, Bombay 1953-56, Resch Asst and Asst Lecturer Inst of Science, Bombay 1959-60, Selected by UNESCO as one of the two UNESCO nominees from India to undergo Trg in Marine Biology; *Mem Secy* Marine Biological Assn of India; *Pub* 19 scientific papers published in journals of repute and four popular scientific articles in Marathi; *Knows* French; *Specln* Oysters, Clam Culture, Biology and Transportation of Live Fish; *Hobb* Gardening and poultry keeping; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Block 152, Building 9, Dadabhai Naorojinagar, Andheri (West), Bombay 58 (Maharashtra).

DUTTA, SHASHI MOHAN; *b* 29 Jun 1940, Lahore (Pak); *Edn* BSc (Agri) Rajasthan Univ 1962, MSc (Agri) Sardar Vallabh Vidyapeeth, Anand 1964; *Exp* Demonstrator Dayanand Coll, Ajmer Aug-Oct 1964, Hony Secy of The Students' Cricket Club, Ajmer for the 8th Students' Cricket Shield Tournament, General Manager Students' Trade Corpn and Director Students' Co-operative Library; *Specln* Agrl Entomology; *Hobb* Reading, story writing, touring, letter writing, photography and cricket; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Subhash Garden, Ajmer (Rajasthan).



DWIVEDI, JITENDRA NARAIN; Jr Fellow (ICAR) Indian Vety Resch Inst, Izatnagar; *b* 1 Jul 1943, Etawah; *Edn* BVSc & AH (first position) (Gold Medallist) Vikram Univ 1963, MVSc (Prev) Agra Univ 1965; *Exp* Demonstrator Genetics 1963-64 (Planning to join Univ of Minnesota-USA-for PhD); *Specln* Genetics and Breeding; *Hobb* Literature reading & writing and indoor games; *Av'ble* for employment abroad (notice—one year); *Add* Chakwah-Buzurg, Distt Etawah (U.P).

E

EAPEN, P. K; Deputy Director Govt of India Offshore Fishing Stn, Cochin since 1963; *b* 19 Oct 1926, Thodupuzha (Kerala); *Edn* Bachelor of Fisheries Nihon Univ, Tokyo (Japan) 1954, Master of Fisheries Tokyo Univ (Japan) 1956; *Exp* Asst Director Govt of India Deep Sea Fishing Stn, Bombay 1958-63; *Pub* Two papers published in journals of repute; *Visited* Malaya, Japan, Hongkong and Thailand; *Knows* Malay and Japanese; *Hobb* Stamp collection and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vaipanary, Mutton, District Thodupuzha (Kerala).

F

FALAHUDDIN; Sr Lecturer & Head Botany Deptt Mumtaz Coll, Hyderabad since 1963; *b* 22 Jun 1932, Hyderabad; *Edn* MSc Osmania Univ 1955; *Exp* Lab Asst Osmania Univ 1955-57, Lecturer Biological Sciences and Lecturer Botany Mumtaz Coll, Hyderabad 1957-58 and 1958-63; *Specln* Algae and Hydrobiology; *Hobb* Stamp collecting, photography and herbarium; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Botany, Mumtaz College, Malakpet, Hyderabad (A.P).

FAROOQ, (DR) AHMAD; Sr Resch Officer Reproductive Biology Resch Unit All India Inst of Med Sciences, New Delhi since 1962; *b* 15 May 1934, Ghazipur; *Edn* BSc & MSc Aligarh Univ 1949 & 1951, PhD Purdue Univ (USA) 1962; *Exp* Lecturer Zoology Aligarh Univ 1953-55, Lecturer Biology Jamia Millia Islamia, New Delhi 1955-59, Resch Asst Biological Science Deptt Purdue Univ (USA) 1959-62; *Mem* Sigma Xi, American Socy of Zoologists and American Assn for the Advancement of Science; *Pub* Several papers in scientific journals and thesis on 'Endocrine Control of Maternal Behaviour in The Rabbit'; *Visited* USA, Holland, UK, France, W.Germany, Italy and Switzerland; *Knows* French; *Specln* Endocrinology and Physiology; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Ghulam Sabir, 81-A, Marris Road, Aligarh (U.P).

FAROOQI, TABREZ NIZAM AHMAD; Lecturer Entomology Govt Agrl Coll, Kanpur; *b* Khairabad, Distt Sitapur (U.P); *Edn* BSc (Agri) and MSc (Agri) Agra Univ 1959 and 1962; *Knows* Persian and Arabic; *Specln* Zoology (Entomology); *Hobb* Games, sports, shooting and reading novels; *Av'ble* for employment abroad (notice—one month); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Khairabad, Mohalla Miansarai, Distt Sitapur (U.P).

FENN, JOSHUA JOSEPH; Jt Director of Agri (Soil Conservation) Padma Vilas, Trivandrum since 1961; *b* 29 Apr 1925, Trivandrum (Kerala); *Edn* BSc (Agrl Engg) Allahabad Univ 1949, MS (Agrl Engg) Univ of Tennessee (USA) 1959; *Exp* Lecturer Agrl Engg Agrl Inst, Allahabad 1949-55 Sr, Lecturer and Jr Prof Agrl Engg Agrl Coll & Resch Inst, Vellayani

1955-58 and 1958-61; *Mem* American Socy of Agrl Engrs; *Pub* Thesis on 'The Use of a Flail Type Forage Harvester as a Hay Conditioner'; *Visited* USA, UK, France, Switzerland and Italy; *Specln* Soil Conservation and Farm Machinery; *Knows* French; *Hobb* General reading; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kannanmoola, Trivandrum 11 (Kerala).

G

GAHLOT, P. N. S; Head Agrl Botany Deptt R.S.M Degree Coll, Dhampur (U.P) since 1960; *b* 9 Aug 1932, Sherkot (U.P); *Edn* BSc Agra Univ 1952, MSc (Botany) Lucknow Univ 1954; *Exp* Lecturer Botany 1955-60; *Hobb* Tennis and photography; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Sherkot, Distt Bijnor (U.P).

GANDHI, OM PRAKASH; Lecturer Agrl Engg G.A Degree Coll, Rampur Maniharan, Distt Saharanpur (U.P) since 1962; *b* 12 May 1936; *Edn* BSc Agrl Engg (first class) and Extension Short Course Dip Allahabad Univ 1960; *Exp* Supervisor U.P Govt Agri Workshop, Lucknow Jun-Aug 1960, Lecturer G.A Degree Coll, Rampur Maniharan Aug-Nov 1960, Sales Apprentice and Sales Representative Indian Oxygen Ltd, Calcutta and Kanpur 1960-61 and 1961-62; *Specln* Agrl Engg; *Hobb* Collection of different articles and reading novels; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care M/s Hans Raj & Sons, Railway Catering Contractors, Railway Station, Saharanpur (U.P).

GANESH, R; Asst Manager Shaw Wallace & Co Ltd, Madras; *b* 20 Jun 1932, Kakinada (A.P); *Edn* BVSc Madras Univ 1931; *Exp* Dairy Supdt Carnbuck Dairy B & C Mills, Madras 1957-61; *Mem* Animal Feeds & Poultry Feeds Committee of Indian Standards Instn, Madras Dairy Assn and Madras Poultry Breeders Assn; *Pub* Articles on Sales and Animal Nutrition in magazines; *Specln* Animal Nutrition, Sales Management and Feeding Stuffs; *Hobb* Stamps, photography and poultry farming; *Add* 25 Third Main Road, Kasturibai Nagar, Adyar, Madras 20.

GANGULY, (DR) NRIPENDRA CHANDRA; Dairy Biochemist National Dairy Resch Inst, Karnal since 1963; *b* 1 Aug 1927, Churian (E.Pak); *Edn* BSc (Hons) (Chemistry) Dacca Univ 1947, MSc and DSc Calcutta Univ 1949 and 1955; *Exp* Asst Resch Officer/Hony Lecturer Calcutta Univ 1955-56, Post-Doctorate Fellow Univ of California (USA) 1956-58, Asst Resch Officer Calcutta Univ 1958-61, Asso Prof Biochemistry National Dairy Resch Inst, Karnal 1961-63; *Mem* Indian Science Congress Assn, Indian Dairy Science Assn and Socy of Biological

Chemists; *Fellow* Indian Chemical Socy; *Pub* 75 scientific resch papers in reputed foreign and Indian journals; *Visited* USA, France, Switzerland, Italy and UK; *Specln* Biochemistry; *Hobb* Music, painting and acting; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr H. C Ganguli, 3 F Kirtibash Lane, Calcutta (W.B).

GANGWAR, AVINASH CHANDRA; PhD Student Agrl Economics Div Indian Agrl Resch Inst, New Delhi; *b* 4 Jul 1940, Lahra (U.P); *Edn* BSc (Agri) and MSc (Agri) Agra Univ 1960 and 1962; *Mem* Indian Socy of Agrl Economics, Bombay; *Knows* French; *Hobb* Photography; *Av'ble* for employment abroad (notice—one month); *Add* Vill Lahra, P.O Kaimganj, Distt Farrukhabad (U.P).

GARDE, VASUDEO RAMCHANDRA; Lecturer Entomology Coll of Agri, Nagpur since 1960; *b* 31 Jul 1927, Malwan, Distt Ratnagiri (Maharashtra); *Edn* BSc (Agri) (Hons) Bombay Univ 1948, MSc (Agri) (first class) Poona Univ 1958; *Exp* Agrl Officer Store Pests Investigation Scheme, Bombay 1948-53, Agrl Officer with Plant Pathologist, Poona 1953-54, Lecturer Entomology Coll of Agri, Poona 1954-58, Inspection and Storage Officer (Maharashtra State) Warehousing Corpn, Poona 1958-60; *Fellow* Entomological Socy of India, New Delhi; *Pub* Theses on 'Comparative Efficacy of Some Contact Insecticides Against Stores Grain Pests', 'Effect of Feeding on the Tolerance of Tribolium Castaneum Herbest to Fumigants & Incidence of Paddy Gall Fly' and some articles in scientific journals of repute; *Specln* Insect Control of Stored Grains and Stored Products; *Hobb* Photography and reading fictions and novels; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 263/1 Narayan Peth, New 468/1 Sadashiv Peth, Panth's Estate, Poona 2 (Maharashtra).

GARG, ASHUTOSH CHANDRA; Compost & Sewage Development Officer (Min of Food & Agri), New Delhi since 1958; *b* 19 Jan 1932, Jalalabad (U.P); *Edn* BSc (Agri) (first class–Univ Merit Scholarship) Agra Univ 1950, Short Course in Food Preservation (first class) U.P Agri Deptt 1950, MSc (Agrl Chemistry) (first class) Agra Univ 1952; *Exp* Chemical Asst Agrl Deptt (PEPSU) 1952-54, Asst Agrl Chemist (PEPSU & Punjab) 1954-58 (Reclamation Officer Mar-Oct 1957), Agrl Chemist (PEPSU) 1955-56, Asst Development Officer (Manures) Govt of India, Min of Food & Agri, New Delhi 1958-59; *Ex-mem* Soil Science Committee (ICAR), Standing Committee of Experts on Manures & Fertilizers and Working Group to formulate III & IV Plans Proposals on Manures & Fertilizers (Min of Food & Agri), New Delhi; *Represented* Min of Food & Agri as Mem on Indian Standards Instn Sub-Committee for Fertilizers & Allied Products; *Pub* Seven Popular tech articles and final report of the Soil Fertility Investigation Scheme (PEPSU) 1953-57; *Specln* Agrl Chemistry'

including Soil Sciences, Plant Chemistry, Animal Nutrition, Manures, Water and Fertilizers and Utilisation of Local Manure Resources; *Hobb* Gardening; *Av'ble* for employment abroad (with due notice); *Add* Compost & Sewage Development Officer (Govt of India), Ministry of Food & Agriculture (Department of Agriculture), New Delhi.

GARG, BHOOP SHIROMANI; Sr Analytical Asst (Food) Office of the Public Analyst to U.P Govt, Lucknow since 1963; *b* 15 Jan 1922, Bilari (U.P); *Edn* BSc (Agri) Agra Univ 1941, Short Course Trg in Preservation, Transformation and Canning of Fruits & Vegetables (U.P Agri Deptt) 1943; *Exp* Chemist I/c Checking Section (U.P) 1942-46, Sr Ghee Development Inspector 1946-48, Sr Chemist Ghee Grading Stn, Mirzapur Feb 1948, Chemist I/c P.M.F Ghee Grading Stn, Mirzapur 1948-49, Analytical Asst (Food) 1949-63; *Specln* Analysis of Food Articles; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Add* C-224 Sector C, Mahanagar, Lucknow (U.P).

GAUR, (DR) AMAR CHAND; Soil Microbiologist Indian Agrl Resch Inst, New Delhi since 1964; *b* 20 Jul 1933, Pidhwal (U.P); *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1952 & 1954, DPhil Allahabad Univ 1957, Docteur De 1' Universite' de Paris, Univ of Paris (France) 1962; *Exp* Resch Asso North Western Univ, Evanstone (USA) 1958-59, Resch Asso Ohio State Univ (USA) 1959 60, Pool Officer Chemistry Div Indian Agrl Resch Inst, New Delhi 1963-64; *Pub* Six papers published in various scientific journals of repute, thesis on 'Studies on Composting and 'Influence of Humus on the Physico-Chemical Properties of Soil and Mineral Nutrition of Plant'; *Visited* USA, France, Germany, UK, Belgium, Holland and Switzerland; *Knows* French and German; *Hobb* Photography, music and stamp-collection; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Pidhwal, Distt Azamgarh (U.P).

GAWAI, VINAYAK GOPALRAO; Asst Meteorologist Agrl Meteorological Div Mateorological Office, Poona since 1961; *b* 5 May 1934, Rahari, Distt Buldana; *Edn* BSc (Agri) Nagpur Univ 1957, MSc (Agri) B.H Univ, Studying PhD in Utah State Univ (USA); *Exp* Lecturer Agronomy 1960-61; *Mem* The American Socy of Agronomy and American Inst of Biological Sciences; *Pub* 'Soil Management for Wheat Crop' and 'Phosphorus Nutrition of Soybeans'; *Visited* USA; *Knows* French; *Specln* Field Crops Production and Management; *Hobb* Reading scientific journals; *Av'ble* for employment abroad (notice—one year); *Add* Rahari, Post Kingaon Raja, Taluk Mehkar, Distt Buldana (Maharashtra).

GAUTAM DEV (DR); Soil Science Extension Specialist Punjab Agrl Univ, Hissar since 1965; *b* 8 Jul 1935, Lahore Cantt; *Edn* BSc (Agri) (Hons) Delhi Univ 1957, Assoc IARI and PhD Indian Agrl Resch Inst, New Delhi 1959 and 1962; *Exp* Supervisor in Fertilizers Trials 1957, Lecturer Agrl Chemistry 1962; *Mem* International Socy of Soil Science; *Pub* Ten resch papers published in reputed journals of India and abroad, various popular articles on Agri and one tech review; *Visited* Norway and France; *Knows* German and Norwegian; *Specln* Radiotracer Studies on Phosphate Nutrition of Plants; *Hobb* Stamp collecting and letter writing; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* EE 185, Railway Road, Jullundur City (Punjab).

GHAFOOR, MOHAMMED ABDUL; Lecturer Parasitology Bombay Vety Coll, Bombay since 1962; *b* 2 Sep 1929, Vill Bhir (Maharashtra); *Edn* BVSc Osmania Univ 1954, MVSc Bombay Univ 1962; *Exp* Demonstrator Medicine Department Coll of Vety Science & Animal Husbandry Osmania Univ, Hyderabad 1954-55, Asst Vety Surgeon, Hyderabad & Vety Officer (Maharashtra) 1955-60; *Mem* Bombay Vety Med Assn; *Pub* One article in Bombay Vety Coll Magazine and a report on 'Control of Parasites by Phenovis Treatment (Unpublished); *Knows* Persian; *Specln* Vety Parasitology and Artificial Insemination Technique in Animals with Clinical Subjects; *Av'ble* for employment abroad (with the permission of the State Govt); *Add* Care Kazi Ahsanuddin Siddiqui, P O Bhir (Maharashtra).

GHAI, (DR) VIJAY BAHADUR; Agronomist Central Potato Resch Inst, Simla since 1963; *b* 5 Nov 1936, Tikamgarh (M.P); *Edn* BSc (Agri) Allahabad Univ 1956, Dip in Agri Extension Allahabad Agri Inst 1956, MSc (Agrl Agronomy) Agra Univ 1958, DSc (Agri) Tokyo Univ (Japan) 1962, Dip Radio Isotopes Japan Atomic Energy Resch Inst, Tokyo 1962; *Exp* Agrl Asst (M.P Govt) Nov-Dec 1958, Lecturer Extension Govt Agri Coll, Jabalpur 1958-59, Pool Officer (CSIR) Directorate of Agri, Bhopal (M.P) 1962-63; *Mem* Crop Science Socy of Japan, Tokyo; *Pub* Paper on 'Quality in Gur and Method of Improvement', theses on 'Studies on the Growth and Yield of Kansas-1639 (Hybrid) & T-4111 Varieties of Maize as Influenced by Plant Density and Soil Fertility' and 'Morphological Studies on the Culm of Rice with reference to Lodging of Plants'; *Visited* Japan, Hong Kong, Malaya, Singapore and Burma; *Knows* Japanese; *Specln* Agronomy, Agri Extension, Uses of Radio Isotopes in Agrl Resch and Morphology; *Hobb* Touring places of historical and cultural significance; *Av'ble* for

employment abroad (notice – three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Agronomist, Central Potato Research Institute, Simla (Punjab).

GEORGE, MALLOOTHARA JOSEPH; Asst Resch Officer Central Marine Fisheries Resch Sub-Stn, Ernakulam since 1957; *b* 28 Jan 1926, Kottayam; *Edn* BSc and MSc Madras Univ 1946 and 1949; *Exp* Demonstrator & Asst Lecturer Natural Science Govt Coll, Mangalore 1946-47, Demonstrator Natural Science Govt Arts Coll, Madras 1949-50, Resch Asst Central Marine Fisheries Inst, Mandapam Camp 1950-57; *Mem* American Fisheries Socy and Marine Biological Assn of India; *Pub* 26 resch papers published in reputed international journals; *Visited* USA, France, UK and Germany; *Knows* Russian; *Specln* Resch in Biology of Prawns; *Listed* USAID Participant Directory and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Malloothara House, Kottayam 1 (Kerala).

GHAN, (MRS) SUSHEELA PADMAKAR; Lecturer Botany G.S Coll, Khamgaon since 1960; *b* 31 Oct 1930, Sojitra (Gujarat); *Edn* BSc (Hons) Bombay Univ 1950, MSc Baroda Univ 1952, BT Nagpur Univ 1957; *Exp* Lecturer Biology 1956-60; *Asso Mem* Botanical Socy, Nagpur; *Pub* Book on 'Families at a Glance' and tech report on Papilionaceae of Khamgaon (under publication); *Specln* Bryophyta and Taxonomy; *Hobb* Printing and embroidery collections; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Zunzunwala Plots, Khamgaon, Distt Buldana (Maharashtra).

GHILDYAL, (DR) BRIJNANDAN PRASAD; Asst Prof Soil Science Indian Inst of Techy, Kharagpur since 1957; *b* 14 May 1927, Tehri Garhwal (U.P); *Edn* MSc (Agri) Agra Univ 1947, DPhil & Proficiency Cert in Russian Allahabad Univ 1950 & 1951, Proficiency Cert in Soil Physics and Salinity Lab Illinois Univ and California Univ (USA); *Exp* Asst Prof Agrl Chemistry and Soil Science Govt Agrl Coll, Kanpur 1951-57; *Mem* International Socy of Soil Science, Soil Science Socy of America, Soil Science Socy of Japan, Indian Socy of Soil Science and Soil & Water Conservation Socy of India; *Pub* Eighteen resch papers in journals of international repute; *Visited* USA and UK; *Knows* Russian; *Specln* Soil Science and Soil Physics; *Hobb* Music; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Care Shri A. P Ghildyal, Retired Judge, Kotdwara, Distt Garhwal (U.P).

GHOSH, A. B; Asst Soil Chemist Indian Agrl Resch Inst, New Delhi since

1955; *b* 28 Oct 1924, Pusa (Bihar); *Edn* BSc (Hons) (Chemistry) and MSc (Chemistry) Delhi Univ 1945 and 1946; *Exp* Resch Asst 1946-53, Asst Agrl Chemist 1953-54; *Hony Secy* Indian Socy of Soil Science; *Mem* Indian Socy of Agronomy and Indian Science Congress Assn; *Pub* One book, about 30 resch papers published in journals of repute and various tech reports, Editor Journal of Indian Socy of Soil Science; *Knows* German and French; *Specln* Soil Science, Fertilizers & Manures and Agronomy; *Hobb* Travelling and scientific journalism: *Av'ble* for employment abroad (notice—six months); *Add* Division of Soil Science and Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi 12.

GHOSH, (DR) ASOK; Lecturer Zoology Calcutta Univ since 1957; *b* 20 Jun 1927, Jamalpur (E.Pak); *Edn* BSc (Hons) & MSc (Zoology) Calcutta Univ 1946 & 1948, MSc (Histology) McGill Univ (Canada) 1955, DPhil (Science) Calcutta Univ 1955; *Exp* Lecturer Zoology Bangabasi Coll, Calcutta 1950-53, Jr Specialist Univ of California (USA) 1953-54, Asst Prof Bengal Vety Coll 1955-56, Asst Endocrinologist Univ of California (USA) 1960-61, Attended 3rd International Symposium on Comparative Endocrinology held at Japan in 1961, Participated 16th International Congress of Zoology held at Washington D.C (USA) in 1963; *Mem* Zoological Socy, Calcutta, Physiological Socy of India, Science Club and Indian Science Congress Assn; *Pub* 50 resch papers published in various reputed international journals; *Visited* USA and Canada; *Specln* Endocrinology, Histology and Histochemistry; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 5-A, Dilkhusa Street, Calcutta 17 (W.B).

GHOSH, (DR) DEBABRATA; Resch Scientist Genetics Foundation Univ of Texas (USA); *b* 1 Dec 1935; *Edn* BSc (Agri) Calcutta Univ 1956, MS and PhD Texas A&M Univ 1961 and 1964; *Exp* Tech Representative (Fertilizers) Rallies India Ltd, Calcutta Jul-Aug 1956, Resch Asst (Mycology) (Plant Protection) State Agrl Resch Inst, Calcutta 1956-58, Grad Teaching Asst, Pre-Doctoral Fellow Plant Sciences Deptt Texas A&M Univ 1958-64 (Recipient of one of the three prizes at B.R Coll, Agra, All India Essay Competition for the essay 'The Problems of Surplus Labour in Argiculture', Imperial Chemical Industries (India) Scholarship State Coll (Calcutta Univ) and a Grad Student Resch Award at American Socy of Plant Physiologists Meeting); *Asso Mem* Socy of Sigma Xi; *Pub* Three papers published in Indian and foreign journals of repute and three tech articles; *Visited* USA; *Knows* French and German; *Specln* Enzyme Work; *Hobb* Swimming and classical music; *Av'ble* for employment (notice—three months); *Add* 8 B Madhu Gupta Lane, Calcutta 12 (W.B).

GHOSH, NABINANANDA; Sr Resch Scholar (ICAR) Kalyani Univ; *b* 11 Nov 1939, 24 Parganas; *Edn* BSc (Agri) and MSc (Agri) (Cytogenetics & Plant Breeding) (first class first) Kalyani Univ 1961 and 1964; *Exp* Agrl Extension Officer (SAS Class I) (W.B Govt) Apr-Dec 1962, Agri Teacher Jun-Aug 1964; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi and Agrl Socy, Calcutta; *Pub* One resch paper and two popular articles; *Specln* Agri (Agrl Botany); *Hobb* Pen-friendship, typewriting, reading, travelling and stamp-collection; *Av'ble* for employment abroad (notice—four months); *Add* 'Smriti Soudha', Madhu Pandit Road, Kumarpara, P.O Talpukur, Barrackpore (W.B).

GHOSH, SACHCHIDANANDA; Scientific Asst National Test House, Calcutta since 1959; *b* 1 May 1931, Chakraberia (W.B); *Edn* BSc Calcutta Univ 1952, AIC (first position) Instn of Chemists (India), Calcutta 1957; *Exp* Shift Chemist Titagarh Paper Mills, Calcutta 1953-55, Resch Asst Agrl Chemistry Div Jute Agrl Resch Inst, Barrackpore 1955-59; *Mem* Indian Socy of Soil Sciences, New Delhi, Instn of Chemists (India), Calcutta and Indian Science Congress Assn, Calcutta; *Pub* Seven papers published in journals of repute, one under publication and an article; *Knows* Russian; *Specln* Analysis of Agrl Chemistry & Soil Sciences; *Hobb* Reading and travelling; *Av'ble* for employment abroad (notice—three months); *Add* 'Smriti Soudha', Madhu Pandit Road, Kumarpara, P.O Talpukur, Barrackpore (W.B).

GHOSH, SAURINDRA PRASAD; Lecturer Horticulture Faculty of Agri Kalyani Univ (W.B); *b* 5 Jan 1941, Mymensingh (E.Pak); *Edn* BSc (Agri) Kalyani Univ 1961, MSc IARI 1963; *Exp* Resch work on Physiology of Sex-Expression in Higher Plants; *Ex-mem* Horticultural Socy of India; *Pub* MSc thesis entitled 'Comparative Studies of Some Citrus Roots Focks in the Nursery', also an article on 'Nursery Growth Studies of Different Citrus Species & Varieties' (under publication); *Specln* Pomology (Horticulture); *Hobb* Ornamental gardening; *Av'ble* for employment abroad (notice—three months); *Add* Care Sri Nirmal Ch. Datta, Vill Bandipur, Distt 24 Parganas (W.B).

GHOSH, TAMAL KRISHNA; Lecturer Botany Ranchi Coll, Ranchi (Bihar) since 1961 and I/c Ranchi Univ Herbarium; *b* 29 Jan 1935, Patna (Bihar); *Edn* BSc (Hons) and MSc Patna Univ 1956 and 1958, Special Courses in Palaeobotany Birbal Sahni Palaeobotanical Inst, Lucknow (U.P) 1957 and 1962; *Exp* Lecturer Botany Science Coll, Patna (Bihar) 1958-60, Lecturer Botany B.N Coll, Patna (Bihar) 1960-61; *Mem* Indian Botanical Socy, Indian Science Congress Assn & Botanical Socy of Bengal; *Asso* Cultural Organization 'Geetali', Ranchi; *Pub* Papers in scientific journals of repute; *Visited* Ceylon; *Specln* Cytogenetics and Plant Breeding; *Hobb* Photography, gardening and writing scientific articles; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences &

Technology in India' (Premier Publishers India); *Add* Care Shri A. M Sinha Jakkanpur, Patna 1 (Bihar).

GHOSHAL, MATI LAL; Retd Dy Director Animal Husbandry (Rajasthan); *b* 10 Jan 1903, Sajanpur (E.Pak); *Edn* GBVC Bengal Vety Coll, Calcutta 1922, Post-Grad (Advanced Animal Husbandry) Indian Vety Resch Inst, Izatnagar 1944; *Exp* Vety Surgeon (Bikaner State) 1931-44, Supdt Vety Deptt (Bikaner State) 1945-49, Divisional Vety Officer, Jodhpur, Bikaner and Udaipur Divs, Jodhpur 1950-51, Dy Director Livestock (Rajasthan), Bikaner 1951-56, Dy Director Animal Husbandry, Udaipur and Kota Divs, Udaipur 1957-58; *Pub* Various clinical articles published in Indian Vety Journal; *Specln* Animal Husbandry; *Hobb* Poultry keeping and dog breeding; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* Opposite Raj Bilas Palace, Bikaner (Rajasthan).

GOPALAKRISHNAN, (DR) (MRS) SAROJA; Sr Scientific Asst Jute Agrl Resch Inst, Nilganj, Barrackpore; *b* 26 Feb 1936, Bombay; *Edn* BSc (Hons), MSc and DPhil Calcutta Univ 1957, 1959 and 1965; *Mem* Indian Socy of Plant Physiologists, Botanical Socy of Bengal and Indian Science Congress Assn; *Pub* Thesis for DPhil, one resch paper and one tech report; *Knows* German; *Specln* Plant Physiology; *Hobb* Music and gardening; *Av'ble* for employment abroad (with the permission of Govt of India); *Add* Gokul Estate, Tiruvanchoor, Distt Kottayam (Kerala).

GOPALAKRISHNAN, (DR) V; Resch Officer Central Inland Fisheries Resch Inst, Barrackpore since 1963; *b* 17 Feb 1928, Kottayam (Kerala); *Edn* BSc, MA and PhD Madras Univ 1947, 1949 and 1954; *Exp* Sr Scientific Asst Naval Lab, Bombay 1956-58, Asst Resch Officer Central Inland Fisheries Resch Inst, Barrackpore 1958-62; *Mem* Indian Assn of Biological Sciences; *Pub* 14 resch papers, two tech reports and three other writings; *Knows* French and German; *Specln* Fisheries, Fish Pathology and Animal Physiology; *Hobb* Photography and aquarium keeping; *Av'ble* for employment abroad (with the permission of Govt of India); *Add* Gokul Estate, Tiruvanchoor, Distt Kottayam (Kerala).

GOSWAMI, (DR) S. K; Principal Gujar Agri Degree Coll, Rampur Manhyaran (U.P) since 1962; *Edn* BSc Panjab Univ 1947, MSc (Botany) and PhD (Botany) B.H Univ 1950 and 1961; *Exp* Lecturer Botany B.H Univ 1950-52, Head Biology Deptt S.D Coll, Saharanpur 1952-58, Tech Asst Publication Directorate (CSIR), New Delhi 1958-59, Head Botany Deptt M.S Coll, Saharanpur 1959-62; *Mem* The Indian

Botanical Socy & The Palaeobotanical Socy of India; *Fellow* The Geological Socy of India; *Pub* 'High School Botany', 'High School Zoology', 'Intermediate Practical Botany Note-Book' and nine resch papers in scientific journals; *Knows* German; *Specln* Palaeobotany (Microfossils); *Hobb* Gardening; *Av'ble* for employment abroad (notice—one month); *Listed* National Register (CSIR) and 'Men of Education in India' (Premier Publishers India); *Add* 10 Patel Nagar, Saharanpur (U.P).

GOSWAMI, BINAY KUMAR; Zoological Asst Zoological Survey of India, Calcutta; *b* 17 Jan 1942, Durlavpore (W.B); *Edn* BSc (Hons) and MSc Calcutta Univ 1961 and 1963; *Mem* The Zoological Socy of Bengal and Indian Assn of Systematic Zoologists; *Specln* Fisheries Ecology, Animal Behaviour and Animal Population Study; *Av'ble* for employment abroad (notice—two months); *Add* Vill Durlavpore, P.O Kagmary, Distt Malda (W.B).

GOVINDASWAMI, (DR) SIVARAM; Rice Technologist Central Rice Resch Inst, Cuttack (Orissa) since 1963; *b* 14 Dec 1919, Madura (Madras State); *Edn* BA & MSc Madras Univ 1942 & 1948, PhD Poona Univ 1953; *Exp* Asst Cytogeneticist ICAR (Mango & Banana Resch), Poona 1949-52, Sr Genetical Asst Sugarcane Breeding Inst, Coimbatore 1952-55, Asst Botanist Central Rice Resch Inst, Cuttack 1955-62, Post-Doctoral Fellow Rockfeller Foundation, New York (USA) 1962-63; *M.m* Indian Socy of Genetics & Plant Breeding, Indian Science Congress Assn, Indian Botanical Socy, Indian Rice Resch Workers' Assn and Indian Standards Instn; *Editor* 'Oryza' (Journal of Rice Resch Workers' Assn); *Knows* German and French; *Visited* USA, UK, France, Geneva, Italy and Egypt; *Specln* Botany, Cytogenetics & Breeding of Crop Plants like Sugarcane, Rice and Banana; *Hobb* Painting and music; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 35 Manakavalan Achari Street, Tuticorin, Distt Tirunelveli (Madras State).

GROVER, (DR) RAJENDRA K; Plant Pathologist Punjab Agrl Univ, Hissar since 1965; *b* 1 Apr 1932, Gujranwala (W.Pak); *Edn* BSc Punjab Univ 1950, MSc (Botany) Saugar Univ 1952, Assoc IARI Indian Agrl Resch Inst, New Delhi 1954, PhD Univ of Wisconsin (USA) 1960; *Exp* Asst Div of Mycology & Plant Pathology Indian Agrl Resch Inst, New Delhi 1954-57, Lecturer Botany Panjab Univ 1961-65; *Mem* American Phytopathological Socy, American Inst of Biological Sciences, Indian Phytopathological Socy and Indian Botanical Socy; *Pub* 20 papers in reputed journals; *Specln* Plant Disease Control and Physiology of Fungi and Fungicides; *Hobb* Photography, music and trekking; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India'; *Add* 13/5 West Patel Nagar, New Delhi 12.

GUJAR, KEWAL DAS; Instructor Horticulture Rajasthan Coll of Agri, Udaipur; *b* 1 Jan 1940, Bisoni-Kalan; *Edn* BSc (Agri) Rajasthan Univ 1961; *Mem* Indian Horticulture Socy and Indian Agrl Resch Inst, New Delhi; *Specln* Horticulture; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* Bisoni-Kalan, Distt Hoshangabad (M.P).

GULABANI, SUSHIL KUMAR; Tech Officer (Food) Central Storage Depot (Govt of India), Lucknow since 1958; *b* 15 Dec 1931, Sind (Pak); *Edn* BSc (Agri) (Hons) Delhi Univ 1953; *Exp* Tech Asst 1953-58; *Specln* Storage & Preservation, Disinfection and Distribution of Food Grains; *Hobb* Photography and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 11-O/51 Lajpat Nagar, New Delhi 14.

GULATI, OM PARKASH; Irrigation Resch Engr Punjab Agrl Univ, Hissar since Mar 1964; *b* 5 Feb 1934, Distt Lyallpur (W.Pak); *Edn* BSc (Agri) Panjab Univ 1954, BTech and MTech (Soil & Water Conservation Engg) Indian Inst of Techy, Kharagpur 1958 and 1959; *Exp* Soil Conservation Asst (A.P) Aug-Nov 1959, Chief Instructor Workshop Wing (H.P) 1959-60, Soil Conservation Officer Central Govt 1960-64; *Mem* American Socy of Agrl Engrs, Indian Socy of Agrl Engrs, Indian Inst of Engrs and Soil Conservation Socy of India; *Pub* Three tech articles in journals of repute; *Specln* Soil and Water Conservation including Irrigation and Drainage; *Hobb* Social service; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 529 L, Model Town, Ludhiana (Punjab).

GUPTA, ANAND PRAKASH; Tech Supdt Delhi Milk Scheme since 1963; *b* 28 Mar 1920 (U.P); *Edn* Dip Indian Dairy (Hons) 1939, Advanced Trg in Animal Husbandry (Govt of India) 1941, Shastree (BA) Kashi Vidyapith 1954, Inter Exam Inst of Indian Cost and Work Accounts, Calcutta 1958, Course in Dairy Techy (UK) 1961; *Exp* Manager Co-operative Milk Supply Union Ltd, Allahabad 1943-45, Manager and Dairy Expert Shri Goshala Socy, Agra 1945-46, Dairy Surveyor Delhi Admn, Delhi 1946-47, Asst Manager Banaras Co-operative Milk Supply Union Ltd & Sr Milk Inspector Co-operative Socy (U.P) 1949-56, Sr Tech Asst Dairy Development 1956-60, Tech Officer Dairy Development (Min of Food & Agri) 1960-63; *Mem* Indian Dairy Science Assn; *Pub* Several tech departmental reports; *Visited* UK, Holland, Denmark and Germany; *Specln* Co-operative Milk Production, Dairy Techy and Dairy Economics; *Av'ble* for employment abroad; *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 22/2749 Beadon Pura, New Delhi 5.

GUPTA, (DR) ARYA BUSHAN; Prof Botany Christ Church Coll, Kanpur since 1960; *b* 4 Apr 1919, Brindaban (U.P); *Edn* MSc B.H Univ 1942, PhD Edinburgh Univ (UK) 1955, Trainee Tokugawa Inst of Biological Resch, Tokyo 1958; *Mem* International Botanical Congress, International Phycological Socy, National Academy of Science (India) and Science & Tech Socy, Kanpur; *Pub* Several papers in various scientific journals of repute; *Visited* UK and Japan; *Knows* German; *Specln* Algae (Phycology); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Professor of Botany, Christ Church College, Kanpur (U.P).

GUPTA, (DR) BRAJENDRA SINGH; Asst Resch Officer Dairy Chemistry N.D.R.I, Karnal since 1963; *b* 10 Oct 1921; *Edn* MSc and PhD Agra Univ 1946 and 1962; *Exp* Resch Asst Animal Nutrition 1948-58, Asst Resch Officer Animal Nutrition 1958-63; *Ex-mem* Scientific Assn of Scientific Workers; *Pub* Many papers in Proceedings of Indian Science Congress and some tech reports; *Specln* Nutritional Physiology and Biochemistry; *Hobb* Resch on Malnutrition; *Listed* National Register (CSIR), 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* P.O Pentikhera, Distt Agra (U.P).

GUPTA, (DR) CHAMPAT SWARUP; Prof & Head Zoology Deptt Coll of Science, Gurukul Kangri (U.P) since 1961; *b* 4 Jun 1918, Sikandrabad, Distt Bulandshahr (U.P); *Edn* BSc Allahabad Univ 1937, LLB, MSc (Zoology) and PhD (Zoology) Agra Univ 1939, 1951 and 1964; *Exp* Prof Biology Ayurveda Med Coll, Gurukul Kangri (U.P) 1943-61; *Pub* 'Jantu Vigyan' (A Textbook of Zoology in Hindi for Inter and BSc Students), 'Jantu Vigyan Kosh' (Book of Hindi Terminology of Zoology), two papers on Zoology in the 'Works of Kalidasa', various popular articles on 'Biological Sciences' and two papers on 'Ecology of Ants' (under publication); *Knows* German; *Specln* Entomology-Hymenoptera-Formicidae-Ants; *Hobb* Study of the History of Science, especially Zoology in Ancient India as revealed from the Ancient Sanskrit Literature; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Professor of Zoology, College of Science, Gurukul Kangri, Hardwar (U.P).

GUPTA, (DR) HARISH CHANDRA; Asst Resch Officer National Dairy Resch Inst, Karnal since 1962; *b* 5 Jul 1925, Qudribagh (U.P); *Edn* BSc (Agri) Agra Univ 1947, MS Oklahoma State Univ (USA) 1959, PhD Louisiana State Univ (USA) 1962; *Exp* Agri & General Science Teacher Inter Colls of U.P 1947-49, Cultivation, Cattle & Dairy I/c Machanized

State Farms of U.P 1949-55, Resch Asst Animal Breeding-cum-Physiology Project of ICAR 1955-58, Grad Resch Asst Louisiana State Univ (USA) 1959-61, Cultivation I/c & Asst Farm Manager Distt Dairy Demonstration Farm, Mathura 1961-62, Got Trg in Calfearing, Cattle Judging and Running a Milking Parlour for two months in USA, Got Specialized Trg in Artificial Insemination & Breeding at the U.P Vety Coll, Mathura; *Ex-mem* American Dairy Science Assn (USA); *Pub* Seven papers in scientific journals of repute; *Visited* USA, England, France, Italy and Switzerland; *Specln* Animal Breeding and Agri-cum-Livestock Farm Management; *Hobb* Music and lectures on religious & cultural topics; *Av'ble* for employment abroad (notice—four months); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shashi Villa, Wazirpura, Agra (U.P).

GUPTA, K. N; Irrigation Extension Officer, Jhansi (U.P) since 1962; *b* 8 Jan 1911, Agra; *Edn* BSc (Agri) (first class first) Agra Univ 1931; *Exp* Sr Lecturer Agri & Horticulture 1931-42, Distt Inspector of Agri 1942-46, Distt Agri Officer 1946-50, Vice-Principal & Farm Supdt 1950-62; Attended Trg Course at Extension Edn Inst, Nilokheri; *Pub* Tech book on 'Udyan Vigyan' (in two vols) ; *Hobb* Farming, gardening and spinning on yarvada chakra; *Av'ble* for employment abroad (notice—one month) ; *Add* 45 V.N Colony, Agra (U.P).

GUPTA, (DR) MAHENDRA PRATAP; Agrl Economist Agrl Economics Div Indian Agrl Resch Inst, New Delhi since 1962; *b* 31 Jan 1932, Allahabad (U.P); *Edn* BSc & MSc Agra Univ 1951 & 1953, MS Cornell Univ (USA) 1958, PhD Missouri Univ (USA) 1961; *Exp* Resch Supervisor Agri Deptt (Govt of U.P) 1953-56, Resch Asst Missouri Univ (USA) 1958-61; *Mem* Indian Socy of Agrl Economics and American Farm Economics Assn; *Visited* USA, Canada, UK, Denmark, Switzerland, France, Germany, Italy, Greece, Cyprus, Israel, Egypt and Pakistan; *Knows* French; *Specln* Agrl Co-operation and Agrl Marketing; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 113/102 Swaroop Nagar, Kanpur (U.P).

GUPTA, PREM CHAND; Lecturer A.H & Dairying Punjab Agrl Univ, Hissar; *b* 1 May 1940; *Edn* BSc (Agri) Rajasthan Univ 1961, MSc (Agri) Agra Univ 1963; *Exp* Demonstrator A.H & Dairying Deptt S.K.N Govt Agrl Coll, Jobner Aug-Oct 1963; *Mem* Assn of Dairy Science; *Specln* Dairying & A.H; *Hobb* Sports, painting and planting ornamental plants; *Av'ble* for employment abroad (notice—three months); *Add* Care M/s Bishenlal Kishan Chand, Kedal Gunj, Alwar (Rajasthan).

GUPTA, (DR) RAJ KUMAR; Pool Officer Central Arid Zone Resch Inst, Jodhpur since 1964; *b* 5 Aug 1932, Dehra Dun; *Edn* MSc Allahabad

Univ 1952, PhD Poona Univ 1960, Docteur-es-Science, Toulouse (France) 1962, Dip ASTEF, Paris; *Exp* Prof & Lecturer Botany 1953-58, Collaborated with the French Inst in their Cartographical Studies International Vegetation Map (1958-63); *Mem* Indian Science Congress Assn, Indian Botanical Socy, Socy of Biogeography, Paris (France) and National Academy of Sciences (India), Allahabad; *Pub* Two tech books, 40 papers in various scientific journals and many other tech reports; *Visited* France, UK, W.Germany, Switzerland & USSR; *Knows* French; *Specln* Ecology, Floristics, Phytogeography, Toxonomy and Cartography of Vegetation; *Hobb* Photography in colour; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Atma Ram Gupta, Mohalla Khatriyan, Karnal (Punjab).

GUPTA, (DR) RAMESH; Prof & Head Zoology Deptt K.K Degree Coll, Lucknow since 1962; *b* 23 Sep 1929, Delhi; *Edn* BSc Rajasthan Univ 1948, MSc Allahabad Univ 1950, PhD Lucknow Univ 1962; *Exp* Lecturer Zoology K.K Coll, Lucknow 1955-62; *Mem* National Academy of Sciences, Allahabad, Socy of Systematic Zoologists, Washington (USA) and Tropical Biology Socy, Costa Rica (Central America); *Fellow* Academy of Zoology, Agra; *Pub* Two books on 'An Introduction to Protozoa' and 'An Introduction to Protochordata' (for BSc and MSc students), 14 papers on Avian Trematodes (Helminthology) in Indian and foreign journals and three popular articles in Indian papers; *Knows* French; *Specln* Helminthology; *Hobb* Writing popular articles; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Professor of Zoology, K.K Degree College, Lucknow (U.P).

GUPTA, RAMESH CHANDRA; *b* 2 Jan 1941, Calcutta; *Edn* BSc Gorakhpur Univ 1962, MSc (Botany) B.H Univ 1964; *Specln* Plant Pathology; *Hobb* Studying and touring; *Av'ble* for employment abroad (immediately); *Add* D 56/10 Aurangabad, Varanasi (U.P).

GUPTA, (DR) SATISH CHANDRA; Prof Botany K.N Govt Coll, Gyanpur, Varanasi (U.P) since 1962; *b* 1 Dec 1928, Muzaffarnagar (U.P); *Edn* BSc & MSc (Botany) Agra Univ 1946 & 1948, PhD London Univ 1953, DIC Imperial Coll of Science & Techy, London 1953; *Exp* Lecturer Botany Agra Coll, Agra 1948-54, Asst Prof & Prof Botany D.S.B Coll, Nainital 1954-58 & 1958-62; *Mem* Current Science Socy and National Academy of Sciences (India); *Fellow* Indian Botanical Socy and Indian Phytopathological Socy; *Pub* 40 papers in reputed journals; *Visited* England, Rome, Germany, Holland, Switzerland and France; *Specln* Mycology and Plant Pathology; *Hobb* Gardening and photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Atma Kutir, 8 Civil Lines, Muzaffarnagar (U.P).

GUPTE, SHARAD CHANDRA; Asst Soil Conservation Officer Central Soil Conservation Resch Demonstration & Trg Centre, Ootacamund since 1959; *b* 24 Nov 1933, Nagpur; *Edn* MSc Nagpur Univ 1957, Asso Indian Forest Coll, Dehra Dun 1960; *Exp* Lecturer Geology Mahakoshal Mahavidyalya, Jabalpur Oct-Nov 1957; *Mem* Socy of American Foresters, Washington (USA); *Pub* Two papers published in 'Indian Foresters' and one in 'Madras Journal of Agriculture'; *Visited* USA; *Specln* Grasses & Grassland Ecology; *Hobb* Reading books; *Add* Gupte's Wada, Khamtalao Road, P.O Bhandara (Maharashtra).

GURTU, AJAY KUMAR; Sr Scientific Asst (Fermentation) Pilot Plant Antibiotics Project, Virbhadra (U.P); *b* 21 May 1944, Lucknow; *Edn* BSc, MSc (Botany) (first position) and MSc Tech (Applied Microbiology) (first position) Agra Univ 1960, 1962 and 1964; *Exp* Resch Worker (Biochemistry) Defence Resch Laboratory (Meterials), Kanpur (U.P) Mar-Sep 1963; *Pub* Two papers published in journals of repute; *Specln* Fungal Diseases of Crops of U.P and Alcoholic Fermentation; *Hobb* Reading; *Add* Pilot Plant, Antibiotics Project, Indian Drugs & Pharmaceuticals Ltd, P.O Virbhadra (Near Rishikesh), Distt Dehra Dun (U.P).

H

HAKK, (DR) MOHAMMAD AFSARUL; Asst Systematic Entomologist Indian Agrl Resch Inst, New Delhi; *b* 1 Jul 1933, Delhi; *Edn* MSc (Zoology) Aligarh Univ 1956, Assoc IARI (first class-Holder of Sir Dorabji Tata Merit & Golden Jubilee Scholarships of the Inst), PhD (Entomology) Indian Agrl Resch Inst, New Delhi 1965; *Exp* More than nine years resch experience starting from Sep 1956; *Life-Fellow* Entomological Socy of India; *Pub* Theses on 'Taxonomic Studies on Indian Tingoidea (Heteroptera)' and 'Studies (Systematic, Economic and Chorologic) on Indian Tingidae and Piesmidae'; *Knows* German, Arabic and Persian; *Specln* Systematic Entomology; *Hobb* Swimming, riding, study of metaphysics spirituality (declares himself as a Messenger of Almighty—The Creater and published an appreciable message); *Av'ble* for employment abroad (especially in Arab Countries) (notice—three months); *Add* Asst Systematic Entomologist, Division of Entomology, I.A.R.I, New Delhi 12.

HAMEED, SYED FIROZ; Demonstrator Entomology Bihar Agrl Coll, Sabour (Bihar) since 1964; *b* 15 Jan 1941, Begusarai (Bihar); *Edn* BSc (Agri) (first class) Bihar Univ 1960, MSc (Agri) (first class first & Gold Medallist) Bhagalpur Univ 1964 (Recipient of Foundation Gold Key in Resch Work); *Exp* Demonstrator Plant Pathology Ranchi Agrl Coll 1960-61, Agrl Extension Officer IADP Block, Shahabad 1961-62; *Mem* Entomological Socy of India, New Delhi and the Resch Foundation of Sabour; *Pub* 'Practical Manual of Agricultural Zoology' (under preparation), two papers (under publication) and reviews in Entomological subjects; *Knows* Persian; *Specln* Nematology and Agrl Entomology; *Hobb* Painting, photography and indoor games; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* Care Mr. S. A Hameed (Burmah-Shell), Opp. Jamna Radio Service, At & P.O Mahendru, Patna 6 (Bihar).

HANS KUMAR; Chief Agrl Engrs State Farms, Accra (Ghana) since 1959; *b* 8 Nov 1917, Kasur (Punjab); *Edn* BSc (Hons) (Mech Engg) Panjab Univ 1941, 'A' Class Hons Dip Maclagan Engg Coll, Lahore 1941, Dip City & Guilds (London) (first class) 1941, Post-Grad Cert of Merit Michigan State Univ (USA) 1952; *Exp* Asst Prof Panjab Coll of Engg & Techy, Lahore 1942-47, Divisional Engr, Dy Chief Engr & Chief Engr

Central Tractor Orgn, New Delhi 1947-59; *Asso Mem* Instn of Mech Engrs (London) and Instn of Agrl Engrs (London); *Mem* Instn of Engrs (India), American Socy of Agrl Engrs and Ghana Group of Professional Engrs; *Pub* Papers on 'Mechanisation of Cassava Planting', 'Land Clearing Techniques', 'Machanisation of Rice', etc published in journals of repute and a report on 'Performance of Giant Tower Disc Ploughs'; *Visited* USA, UK, Canada, Egypt, France, Italy, Holland, W.Germany, USSR, Sudan, Kenya, East Germany and Czechoslovakia; *Knows* French; *Hobb* Photography and bridge; *Specln* Agrl Mechinery; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Box 299, Accra (Ghana).

HANUMANTHARAO, (DR) KONA; Reader Zoology Andhra Univ since 1960; *b* 27 Jul 1928, Hyderabad (A.P); *Edn* BSc (Hons) (first class), MSc (first class) & DSc Andhra Univ 1950, 1952 & 1958, Colombo Plan Cert Leeds Univ, Dublin Univ, Cambridge Univ and London Univ (UK) 1959; *Exp* Lecturer Zoology Andhra Univ 1951-60, Investigator I/c CSIR Fellowships; *Fellow* Helminthological Socy of India; *Pub* 17 papers published in various scientific and tech journals of repute; *Visited* UK, Ireland, Germany and Switzerland; *Knows* German; *Specln* Helminthology (Parasitology); *Hobb* Stamp collection; *Listed* List of Experts concerned with Diseases of Aquatic Organisms (published by F.A.O, Rome) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr Kona Hanumantharao, Reader in Zoology, Andhra University, Waltair (A.P).

HANUMAPPA, PILLAPPA; Block Development Officer Devanahalli (Mysore State) since 1962; *b* 25 Aug 1926, Dodballapur (Mysore State); *Edn* LAg Mysore Agrl Schl 1945, MS (Extension Edn) Univ of Missouri (USA) 1962; *Exp* Agrl Inspector, Narasimhar Rajapura 1946-49, Tractor Supervisor & Compost Asst, Kolar 1949-52, Vill Extension Worker Pilot Trg-cum-Extension Project, Malavalli 1952-55, Agrl Extension Officer, Malavalli 1955-58, Instructor Agrl Gramasevaks Trg Centre, Mandya 1958-61, Block Development Officer, Channapatha Apr-Jun 1951; *Mem* American Socy of Horticultural Science; *Pub* Two books entitled 'Some Thoughts on Agricultural Extension Methods & C.D Programme in India' & 'Handbook on Rural Youth Programmes in India' and resch papers in reputed journals; *Visited* Netherlands and USA; *Specln* Rural Youth Organizations; *Hobb* Sports; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' published by Premier Publishers (India); *Add* Shri Pillappa Hanumappa, Block Development Officer, 92 Hemavathipet, Dodballapur, Distt Bangalore (Mysore State).

HARBHAJAN SINGH; Head Plant Introduction Div Indian Agrl Resch Inst, New Delhi; *b* 6 Feb 1916, Pusa (Bihar); *Edn* BSc Panjab Univ 1936, MSc Agra Univ 1938, Assoc IARI Indian Agrl Resch Inst 1940; *Exp* Asst Botanist, Vegetable Specialist and Plant Introduction Officer; *Mem* Indian Socy of Genetics & Plant Breeding and Horticultural Socy of India; *Pub* About 90 resch papers in reputed scientific journals, also six monographs and bulletins; *Visited* Australia and Nepal; *Specln* Plant Breeding, Economic Botany, Plant Introduction and Taxonomy; *Hobb* Plant collection, photography and gardening; *Listed* Bharat Krishk Samaj Year Book (1964); *Add* Vill & P.O Marauli Kalan, Distt Ambala (Punjab).

HARI KISHORE (DR); Geneticist & Head Genetics & Cytogenetics Section Central Potato Resch Inst, Simla since 1962; *b* 27 Jan 1917, Varanasi; *Edn* BSc & MSc Allahabad Univ 1937 & 1939, Assoc IARI Indian Agrl Resch Inst, New Delhi 1942, PhD Wisconsin Univ 1960; *Exp* Resch Asst Botany Div Indian Agrl Resch Inst, New Delhi 1943-50, Asst Botanist and Officer Incharge 1951-60, Cytogeneticist Central Potato Resch Inst 1961-62; *Mem* Assn for Advancement of Science, Indian Socy of Plant Breeding & Genetics and Indian Socy of Agronomy; *Pub* 40 resch papers in reputed journals; *Visited* USA, UK, Netherlands, Switzerland, Italy and Egypt; *Knows* German and French; *Specln* Genetics and Cytology Genetics of Virus and Disease Resistance in Plants; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr Hari Kishore, 3/255 Orderly Bazar, Varanasi (U.P).

HARI SINGH; Dy Director Animal Husbandry Ambala Div since Nov 1959; *b* 16 Jan 1909, V & P.O Phul, Distt Bhatinda; *Edn* LVP Panjab Univ 1941, PG Indian Vety Resch Inst, Izatnagar (U.P) 1952; *Exp* Vety Asst Surgeon 1941-48, Inspector Vety Hospitals, Nabha State Jan-Aug 1948, Distt Animal Husbandry Officer 1948-53, Trg Officer Extension (Animal Husbandry) 1953-55, Cattle Development Officer (Punjab) 1955-59; *Specln* Animal Breeding; *Hobb* Sports and Agrl farming; *Av'ble* for employment abroad (notice—six months); *Add* Deputy Director Animal Husbandry, Vill & P.O Phul, Distt Bhatinda (Punjab).

HARIHARAN, K; Poultry Officer (Duck Farm) Central Hatchery, Chenganur; *b* 3 Nov 1940, Distt Allepey; *Edn* BVSc Kerala Univ 1963; *Exp* Vety Surgeon (Mobile), Allepey Jul-Dec 1964, Key Village Officer, Palai Jan-Mar 1965; *Mem* Kerala Vety Assn; *Pub* Various articles in Kerala Vety Coll Magazine; *Hobb* Photography, reading books, stamps and driving; *Av'ble* for employment abroad (notice—two months); *Add* 11-206 Post Office Road, Trivandrum (Kerala).

HONMODE, JAYANT DATTATRAYA; Presently studying for Candidate of Biology Science Inst of Animal Husbandry, Moscow (USSR) since 1962; *b* 25 Dec 1938, Umarkked (Maharashtra); *Edn* BVSc & AH Jabalpur Univ 1959; *Pub* Seven resch papers, stories and poems in journals of repute; *Visited* Finland; *Knows* Russian; *Specln* Artificial Insemination of Animals (Sheep); *Hobb* Writing and music; *Av'ble* for employment abroad after 1965 (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care D. Y Honmode, Post Master, Karanja, Distt Akola (Maharashtra).

HOSAKERE, KRISHNA MURTHY; Marketing Officer Co-operation Deptt, Panjim-Goa since Sep 1964; *b* 15 Jul 1914, Kalasa (Mysore State); *Edn* MSc (Agri) Nagpur Univ 1965; *Exp* Dy Marketing Development Officer Tobacco Grading, Guntur 1945-59, Marketing Officer Wool Bristle & Goat Hair Grading, Beawar, Jamnagar and Bombay 1959-61, Marketing Officer Directorate of Marketing & Inspection (Min of Food & Agri), Nagpur 1961-64; *Mem* Indian Socy of Agrl Economics, Bombay; *Pub* Supplement to the report on Marketing of Wheat in India, resch paper on 'Coconut in Goa's Economy', tech report on 'A Study of the Tobacco Market Structure in India with particular reference to Vidarbha', departmental pamphlets and publications; *Specln* Marketing of Agrl Products; *Hobb* Photography; *Add* 612/A IV Cross 14th Main, Hanumanthanagar, Bangalore 19 (Mysore State).

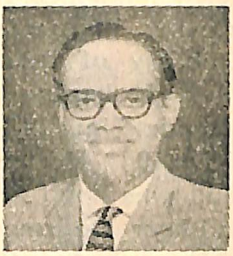
HUSAIN, ZAHID; Jr Resch Fellow (CSIR) Zoology Deptt Aligarh Muslim Univ; *b* 14 Mar 1939, Srinagar (J & K); *Edn* BSc & MSc (Zoology) Aligarh Muslim Univ 1961 & 1963; *Exp* Working on Plant Parasitic Nematodes attacking Citrus Trees in India; *Mem* Helminthological Socy of Washington; *Pub* Two papers published in journals of repute; *Specln* Plant Nematology; *Av'ble* for employment abroad (notice—six months); *Add* Noor Pharia Jamnagar (Gujarat).

HUSSAINY, SYED UBAIDULLAH; Scientific Asst Central Public Health Engg Resch Inst, Bombay since Jun 1964; *b* 30 Sep 1939, Anantapur (A.P); *Edn* BA (Science) Sri Venkateswara Univ 1959, MSc Annamalai Univ 1963; *Exp* Demonstrator Zoology Andhra Pradesh Govt Arts Coll, Anantapur 1959-61, E.A Commonwealth Inst of Biological Control, Bangalore 1963-64; *Mem* Indian Assn of the Water Pollution Control Federation; *Pub* Four resch papers on 'Hydrobiological Studies of the Bottom Sediments to Evaluate the Water Quality', etc; *Knows* German; *Specln* Limnology and Fisheries Biology; *Hobb* Gardening and bird watching; *Av'ble* for employment abroad (notice—one month); *Add* 537 Sadashivanagar, Bangalore 6 (Mysore State).

I

INGLEY, PUNDALIKRAO MARUTIRAO; Food Attache Embassy of India, Rangoon (Burma); *b* 21 Oct 1919, Kokarda, Distt Amravati; *Edn* BSc (Agri) Nagpur Univ 1942; *Exp* Asst (Entomology) M.P Govt 1942-43, Inspector & Chief Inspector Grain Godowns Food Deptt (M.P) 1943-49, Asst Director and later confirmed as Deputy Director (Tech) Min of Food & Agri (Food Deptt) 1949-64; *Pub* A paper in 'Current Science' (1942); *Visited* Burma, North Vietnam and UAR; *Knows* Arabic and Burmese; *Specln* Quality Inspection of Rice and Storage & Shipment on large scale; *Hobb* Social activities and gardening; *Av'ble* for employment abroad (with the approval of the Central Govt); *Add* Care Shri B. M Ingley, Kokrada, Taluq Daryapur, Distt Amravati (Maharashtra).

J



JAIN, BHUPENDRA KUMAR SINGH; Asst Divisional Manager Central (Agri) Voltas Ltd, Bombay since 1959; *b* 1 Oct 1932, Bandikui (Rajasthan); *Edn* BSc (Agrl Engg) Allahabad Univ 1950, MAgriSc (Hons) (Agrl Engg), Melbourne (Australia) 1954; *Exp* Officer-in-Charge (Agri Machinery Deptt) Voltas Ltd, Lucknow 1955-57, Officer-in-Charge Voltas Ltd, Patna 1957-59; *Mem* Exec Committee of Indian Socy of Agrl Engrs (Committee on Farm Implements), Indian Standards Instn and 9-Men Expert Committee appointed by the International Labour Organisation of the United Nations on Safety & Health in Agri; *Pub* 'Sprinkler Irrigation Techniques', several papers published in journals of repute and various popular articles in newspapers; *Visited* Australia, Israel, UK and European Countries; *Specln* Farm Power and Machinery; *Hobb* Reading, writing and photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Assistant Divisional Manager, Central (Agriculture), Voltas Ltd, Bombay (Maharashtra).

JAIN, BIMLESHWAR PRASAD; Lecturer Botany & Horticulture Govt Agrl Schl, Rajgir (Bihar) since Oct 1964; *b* 3 Jun 1940, Arrah (Bihar); *Edn* BSc (Agri) (first class) Bihar Univ 1960, MSc (Agri) (Horticulture) (first class first-Gold Medallist) Bhagalpur Univ 1963; *Exp* Demonstrator Horticulture Ranchi Agrl Coll 1960-61 and 1963-64; *Life-Mem* Resch Foundation Bihar Agrl Coll, Sabour; *Mem* Horticultural Socy of India; *Pub* MSc thesis; *Specln* Horticulture; *Hobb* Reading periodicals & magazines (scientific and fictions) and gardening; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri Ishwar Prasad Jain, Mahajan Toli No. 1, P.O Arrah, Distt Shahabad (Bihar).

JAIN, MADANLAL BALABAGAS; Statistician Central Arid Zone Resch Inst, Jodhpur since 1963; *b* 12 May 1935 (Rajasthan); *Edn* BSc Rajputana Univ 1956, MSc (Statistics) Gujarat Univ 1958, Dip in Agrl Statistics Inst of Agrl Resch Statistics, New Delhi 1960; *Exp* Resch Investigator Inst of Agrl Resch Statistics of ICAR, New Delhi 1961-63; *Mem* Indian Socy of Agrl Statistics, Indian Socy of Soil Science and Arid Zone Resch Assn of India; *Specln* Agrl and Animal Husbandry Statistics; *Hobb* Light music and volleyball; *Av'ble* for employment abroad (notice—one year);

Listed 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care M/s Vijairaj Madanlal & Co, Dhanluxmi Market, Ahmedabad (Gujarat).

JAIN, NEMI CHAND; Asst Prof Extension Edn U.P Agrl Univ, Pantnagar since Aug 1965; *b* 31 Mar 1942, Barwa Sagar, Distt Jhansi (U.P); *Edn* BSc (Agri) and MSc (Agrl Extension) Agra Univ 1961 and 1963; *Exp* Asst Prof and Asso Prof of Extension B.R Coll, Agra Aug-Oct 1963 and 1963-65; *Mem* Indian Socy of Extension Edn IARI, New Delhi; *Pub* Two articles—one in Kanpur Coll Journal and the other in B.R Coll, Agra Magazine; *Specln* Agrl Extension; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Add* Care Sri M. L Jain, Vakil, P.O Barwa Sagar, Distt Jhansi (U.P).

JAIN, SWAROOP CHANDRA; Asst Prof Dairy Techy Punjab Agrl Univ since 1964; *b* 26 Jul 1934, Aliganj, Distt Etah (U.P); *Edn* BSc (Agri) Mysore Univ 1956, MSc (Agri) Agra Univ 1959, Thesis submitted for PhD (Dairy Techy); *Exp* Asst Prof Animal Husbandry & Dairying B.R Coll, Agra 1959, Worked with Delhi Milk Scheme, New Delhi 1959-61, Sr Resch Fellow (ICAR) Dairy Techy Div National Dairy Resch Inst, Karnal 1961-64; *Pub* One paper and several reports in reputed journals; *Specln* Dairy Techy and Ice Cream Techy; *Hobb* Football, kabaddi, indoor games and gardening; *Av'ble* for employment abroad (notice—six months); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Gambhir Chandra Jain, Vill & P.O Aliganj, Distt Etah (U.P).

JAMUAR, MAHENDRA PRASAD; Lecturer Zoology Ranchi Univ (On leave to USA) since 1961; *b* 14 Mar 1935, Patna; *Edn* BSc & MSc Patna Univ 1954 & 1956, Working for PhD (Microbiology) in Chicago Univ (USA); *Exp* Lecturer Zoology Patna Univ 1956-57; *Mem* Sigma Xi of USA; *Pub* Paper entitled 'Fine Structure of the Body Wall of N. Muris'; *Visited* France, Germany, England and USA; *Knows* German; *Specln* Parasitology and Cytology, especially Electron Miscroscopy; *Hobb* Photography and travelling; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Rajendra Nagar, Patna (Bihar).

JAIN, (DR) PREM CHAND; Prof & Head Zoology Deptt Janta Coll, Bakewar (U.P) since 1963; *b* 23 Dec 1933, Agra (U.P); *Edn* BSc, MSc (Zoology) and PhD Agra Univ 1953, 1955 and 1963; *Exp* Lecturer Biology

Sri Janta Inter Coll, Ajitmal, Distt Etawah 1955-58, Lecturer Zoology Saifia Coll, Bhopal (M.P) 1958-63; *Mem* Indian Science Congress; *Pub* Twelve resch papers in reputed journals; *Specln* Entomology, Heart Anatomy and Innervation; *Hobb* Walking, swimming and playing; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Panna Lal Jain, 2770 Pathwari, Agra (U.P).

JANDIAL, JAMIAT RAI; Asst Prof & Head Botany Deptt Govt Agrl Coll, R.S Pura (Jammu) since 1963; *b* 12 Sep 1906; *Edn* BSc (Hons) and MSc Panjab Univ 1928 and 1929; *Exp* Lecturer Botany Khalsa Coll, Amritsar 1929-44, Head Biology Deptt D.A.V Coll, Rawalpindi (W.Pak) 1944-46, Jr Prof & Head Botany Deptt Khalsa Coll, Amritsar 1946-63; *Specln* Collection, Preservation and Identification of Grasses of Punjab; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Assistant Professor & Head Botany Department, Government Agricultural College, R.S Pura (Jammu).

JANGI, (DR) BHUPENDRA SINGH; Reader Zoology Post-Grad Teaching Deptt Nagpur Univ since Jul 1964; *b* 14 Mar 1926, Balaghat (M.P); *Edn* BSc, MSc and PhD Nagpur Univ 1948, 1950 and 1957; *Exp* Translator (Hindi) International Academy Indian Culture, Nagpur May-Jun 1950, Lecturer Zoology Hislop Coll, Nagpur 1950-52, Lecturer Zoology Coll of Science, Nagpur 1952-64; *Mem* Board of Studies in Zoology (Nagpur Univ) and Supervisor Doctoral Resch (Nagpur Univ); *Active Mem* Entomological Socy of America; *Scientific Fellow* Zoological Socy of London; *Pub* Memoir on 'Scolopendra' and 11 papers in scientific journals of repute; *Ex-editor* Bulletin of Zoological Socy Coll of Science, Nagpur; *Visited* Tufts Univ (USA) as Fulbright and US Public Health Service Post-Doctoral Resch Fellow; *Specln* Structure and Physiology of Centipedes and Insects; *Hobb* Painting and outdoor games; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Care Shri Nikka Singh Nagi, Katra Bagh Singh, Near Bambewala Khoo, Amritsar (Punjab).

JASSAL, NAND SINGH; Lecturer Agri Govt Coll, Ludhiana (Punjab) since 1964; *b* 1 Mar 1941, Deherka (Punjab); *Edn* BSc (Agri) Panjab Univ 1961, MSc (Agri) Punjab Agrl Univ 1964; *Exp* Resch Asst Jan-Jul 1962; *Specln* Horticulture (Olericulture); *Hobb* Gardening; *Av'ble* for employment abroad (notice—one month); *Add* Vill & P.O Deherka, Tehsil Jagraon, Distt Ludhiana (Punjab).

JAVEID, G. N; Lecturer Post-Grad Deptt of Botany J & K Univ since

1961; *b* 10 Feb 1936, Srinagar (J & K); *Edn* BSc J & K Univ 1957, MSc Aligarh Univ 1959; *Exp* Lecturer S.P Coll, Srinagar 1959-61; *Mem* Indian Botanical Socy; *Specln* Plant Anatomy and Cytology; *Hobb* Resch and collection of plants; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 373 Jawahir Nagar, Srinagar (J & K).

JAYARAJ, MOBERLY SAMUEL; Prof & Head Zoology Deptt Voorhees Coll, Vellore since 1962; *b* 24 Sep 1930, Kozhikode; *Edn* BSc Madras Univ 1951, MSc B.H Univ 1953, Cert in Genetics Bonn Univ (W.Germany) 1962; *Exp* Demonstrator Zoology 1953-54, Lecturer Zoology & Warden Coll Hostels 1954-62 (Registrar Hislop Coll, Nagpur 1957-58); *Pub* Scientific articles published in various newspapers; *Visited* W.Germany, Holland, Belgium, France, England and Italy; *Knows* German; *Specln* Entomology, Genetics and Electrone Microscopy; *Add* Professor of Zoology, Voorhees College, Vellore, Distt North Arcot (Madras State).

JEYACHANDRAN, KELSIE; Resch Asst (CSIR) New Coll, Madras; *b* 2 Jan 1933, Madras; *Edn* BSc (Hons), MA and BT Madras Univ 1953, 1954 and 1964; *Exp* Lecturer Natural Science Sri G.V.G Visalakshi Coll, Udamalpet 1953-58; *Specln* Entomology; *Add* 8 Pachaiappan Street, Royapettah, Madras 14.

JHA, (DR) SHIVA NAND; Prof Agrl Economics R.A.K Agrl Coll, Sehore (M.P) since 1962; *b* 1 Mar 1922, Akauriya, Distt Allahabad; *Edn* BSc (Agri) Allahabad Univ 1946, MA (Economics) & PhD Agra Univ 1951 & 1960; *Exp* Supdt State Gardens (Rewa State) 1945-46, Agri Officer Saugar Univ (M.P) 1947-48, Lecturer Agri T.R.S Coll, Rewa (M.P) 1948-55, Principal Govt Agrl Inst, Laxmipur, Distt Panna 1955-61, Lecturer Agrl Economics Agrl Coll, Indore 1961-62; *Mem* Indian Socy of Agrl Economics, Bombay; *Pub* Books on 'A Critical Study of Gandhian Economic Thought', 'Vaigyanik Krishi', 'Sag Bhaji Utpadan Aur Phal Parirakshan' and several articles in various scientific and tech journals of repute; *Specln* Gandhian Economic Thought; *Hobb* Rural Service; *Listed* Times of India Directory and 'Men of Sciences & Technology in India (Premier Publishers India); *Add* Vikram Road, Near Agricultural College, Rewa (M.P).

JOSHEE, (DR) ANANT KRISHNA; Lecturer Zoology Sir M.V Coll of Science, Bombay since 1963; *b* 7 Feb 1930, Mithagavane (Maharashtra); *Edn* BSc, MSc and PhD Bombay Univ 1951, 1953 and 1961; *Exp* Demonstrator Zoology R.R Coll, Bombay 1953-55 Tech Asst Regional Directorate of Food, Bombay Mar-Dec 1955, Jr Scientific Officer Haffkine Inst, Bombay Apr-Oct 1960, Demonstrator Zoology Rupearl Coll, Bombay 1961-63; *Mem* Bombay Biological Assn; *Pub* Five papers in scientific journals; *Specln* Med Entomology (Plague Ecology); *Hobb* Collection of series of articles of zoological interest and stamp & coin-collection; *Av'ble*

for employment abroad (notice—three months); *Add* Plot No. 29, 2nd Road, Lokmanya Tilak Nagar, Goregaon West, Bombay 62 (Maharashtra).

JOSHI, (DR) AMAR CHAND; Vice-Chancellor Panjab Univ till 1965; *b* 18 Sep 1908, Bhadarpur (Punjab); *Edn* BSc (Botany) (Hons), MSc (Botany) and DSc (Botany) B.H Univ 1929, 1930 and 1937; *Exp* Prof Botany B.H Univ, Govt Coll, Lahore & Govt Coll, Hoshiarpur 1945-51, Principal Govt Trg Coll, Jullundur City 1951-53, DPI & Edn Secy (Govt of Punjab) 1953-57, Hony Vice-Chancellor Kurukshetra Univ 1956-59; *Mem* Advisory Board Indian Council of Agrl Resch, Central Advisory Board of Edn, Board of Directors US Educational Foundation in India, Univ Grants Commission and many other Socys and Assns; *Fellow & Vice-Pres* National Inst of Sciences (India); *Pres* Indian Botanical Socy; *Pub* More than 100 papers published in various fields of Botany, General Edn and Science Edn; *Visited* UK, USA, Canada, Mexico, Japan, Brazil, Thailand and Other European Countries; *Listed* Times of India Directory, 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* House No. 10, Sector 9 C Chandigarh (Punjab).

JOSHI, (DR) LALIT MOHAN; Mycologist Div of Mycology Indian Agrl Resch Inst, New Delhi since 1964; *b* 9 Oct 1925, Almora (U.P); *Edn* BSc Allahabad Univ 1944, MSc Agra Univ 1947, PhD Indian Agrl Resch Inst, New Delhi 1965, Got Merit Award (1963); *Mem* Indian Phytopathological Socy and Pusa Agrl Socy; *Pub* More than 35 scientific papers (including two bulletins) published (some independently and some in collaboration) in journals of repute, six papers in press, two ready for publication and a few tech reports; *Visited* USA, Italy, England, Holland, Switzerland and France; *Knows* A little French; *Specln* Wheat Diseases (particularly Cereal Rusts); *Hobb* Collection of flowering plants, badminton and indoor games; *Av'ble* for employment abroad (after 1967); *Add* 'Ambashram', Diggi Bungalow, Almora (U.P).

JOSHI, (DR) NARENDRA CHANDRA; Asst Systematic Mycologist since 1963; *b* 1 Jul 1929; *Edn* BSc Allahabad Univ 1948, MSc Lucknow Univ 1950, PhD Rajasthan Univ 1961; *Exp* Lecturer Botany (Rajasthan Govt) 1952-59, Plant Pathologist (Govt of India) 1959-62; *Mem* The National Academy of Sciences (India), The Phytopathological Socy of India and Indian Science Congress; *Fellow* Indian Botanical Socy; *Pub* 40 resch papers in tech journals; *Knows* German; *Specln* Mycology and Plant Pathology; *Hobb* Literary activities like editing journals, etc; *Add* Village Patia, Distt Almora (U.P).

K

KADREKAR, SHREERANG BHARGAO; Asst Prof Agrl Chemistry Coll of Agri, Kolhapur since 1963; *b* 20 Dec 1928, Ratnagiri; *Edn* BSc (Agri) (Hons) and MSc (Agri) Poona Univ 1950 and 1958; *Exp* Resch Worker Sugarcane Resch Stn, Padegaon 1950-60, Lecturer Chemistry Coll of Agri, Akola 1960-63; *Mem* Deccan Sugar Technologists Assn (India); *Pub* 12 papers published in scientific journals of repute; *Knows* German; *Specln* Mineral Nutrition of Plants; *Hobb* Dramatics and gardening; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Nivkhol, P.O Ratnagiri (Maharashtra).

KAIKINI, ASHOKKUMAR SHRIPADRAO; Prof Obst & Gynae Vety Coll, Nagpur since 1961; *b* 16 Mar 1928, Bombay; *Edn* BSc (Vety) (Hons) Bombay Vety Coll 1950, Post-Grad Indian Vety Resch Inst 1952; *Exp* Vety Officer (Bombay State) 1950-51, Resch Asst Artificial Insemination 1952-54, Lecturer Animal Husbandry & Resch Asst Cattle Sterility Scheme, Asst Prof Animal Husbandry and Asst Prof Obst & Gynae Bombay Vety Coll, Bombay 1954-58, 1958-60 and 1960-61; *Mem* Maharashtra Vety Assn, Socy for the Study of Reproduction, Bombay and Nagpur Univ Teachers' Assn, Nagpur; *Fellow* Royal Vety Coll, Stockholm (Sweden); *Pub* 19 resch papers published in med journals of repute, report on 'Bovine Genital Vibriosis', Proceedings of the 3rd F.A.O/ Swedish International Trg Centre on Animal Reproduction and Royal Vety Coll, Stockholm (Sweden); *Visited* Sweden, Denmark, Norway, W. Germany, UK, France, Switzerland, UAR and Italy; *Specln* Animal Reproduction (Gynae, Andrology, Obst and Artificial Insemination); *Hobb* Cricket and badminton; *Av'ble* for employment abroad with the consent of Govt of Maharashtra; *Listed* National Register (CSIR); *Add* F/7 Anandashram, Proctor Road, Grand Road, Bombay 7.

KAKDE, JAGANNATH RAMCHANDRA; Officer on Special Duty (Farm Irrigation) Central Building Agri Deptt, Poona since Dec 1964; *b* 1 Jun 1924, Chanda; *Edn* BSc (Agri) Nagpur Univ 1944, Assoc IARI 1950, MS Kansas State Univ (USA) 1959; *Exp* Lecturer and Asst Prof Agronomy, Nagpur, Akola and Poona 1946-60, Prof Agronomy Agri Coll, Dhulia 1961-63, Soil Specialist (Maharashtra) 1963-64; *Mem* Indian Socy of Agronomy; *Pub* 16 resch papers published in reputed journals, 'Annual Tech Reports of Soils Specialist'; *Visited* USA and some of the European Countries; *Specln* Irrigated Soil Management; *Hobb* Reading, playing games and gardening; *Add* Care Dr V. G Pande, Near Lakdi Bridge, Walker Road, Nagpur 2 (Maharashtra).

KALANGI, (DR) CHARISTOPHER JAYADAS; Deputy Director Small Industry Extension Trg Inst, Hyderabad since 1964; *b* 15 May 1928, Dornakal (A.P); *Edn* BSc (Agri) Allahabad Univ 1952, MSc and PhD Ohio State Univ (USA) 1961 and 1963; *Exp* Agri Asst, Extension Officer Agri & Block Development Officer (Govt of A.P) 1952-57, 1957-59 & 1959-60, Resch Asso Rural Sociology Deptt Ohio State Univ (USA) (Part-Time) & Counsellor International Students Office Ohio State Univ (USA) (Part-Time) Apr-Jun 1963; *Mem* Gamma Sigma Delta (The Honors Socy of Agri of USA); *Ex-fellow* Ohio State Univ and International Agri Centre (The Natherlands); *Pub* Two resch papers and abstract of PhD dissertation in American journals, also articles in Indian papers; *Knows* French; *Visited* USA, The Netherlands, England, France, Germany, Austria and Italy; *Specln* Extension Edn in Agri and Industrial & Agrl Extension; *Hobb* Travelling and reading; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri P. Swamidas, Diocesan High School, Dornakal, Distt Warangal (A.P).

KALAYYA, (DR) KRISHNAMURTHY; Lecturer Agronomy Coll of Agri, Dharwar since 1963; *b* 3 Nov 1930, Nagamangala (Mysore State); *Edn* BSc (Agri) Mysore Univ 1954, Assoc IARI 1958, PhD Univ of Reading (UK) 1963; *Exp* Resch Asst (Cotton) 1954-61 (Was trained in Fibre Testing Methods in the Indian Central Committee, Bombay in 1958); *Mem* Indian Socy of Agronomy and Board of Examiners Mysore & Karnatak Univs; *Pub* Over 20 resch papers published in reputed scientific journals, also issued several information articles to cultivators; *Visited* England, France, Greece, Italy, UAR, Gibraltar and Aden; *Specln* Agronomy, Crop Physiology, Crops and Crop Production; *Hobb* Gardening, stamp-collection, music and sports; *Av'ble* for employment abroad (notice—one year); *Add* S/o Shri N. Kalayya, Post Office Road, Nagamangala, Distt Mandya (Mysore State).

KALIA, (DR) HET RAM; Prof & Head Genetics Deptt Punjab Agrl Univ, Hissar since 1964; *b* 26 Aug 1922, Bhor (Punjab); *Edn* BSc (Agri) Punjab Univ 1944, MS Kansas State Coll (USA) 1957, PhD Ohio State Univ (USA) 1959; *Exp* Resch Asst, Asst Prof and Cytogeneticist Punjab Agri Deptt 1944-59, 1959-60 and 1961-63; *Mem* Indian Socy of Genetics & Plant Breeding, Sigma Xi and Gamma Sigma Delta; *Pub* 15 resch papers published in journals of repute and five popular articles; *Visited* UK, Canada and USA; *Knows* Persian and German; *Specln* Genetics and Plant Breeding; *Hobb* Photography; *Add* Vill Bhor, P.O Budehar (Hamirpur), Distt Kangra (Punjab).

KALRA, A. N; Entomologist Indian Inst of Sugarcane Resch (Min of Food & Agri), Lucknow since 1959; *b* 15 Oct 1915, Bhakkar (W.Pak); *Edn* BSc (Agri) (Was awarded Sir Louis Dane Gold Medal) and MSc Panjab Univ 1936 and 1948; *Exp* Entomological Resch Asst Punjab Agri Deptt 1937-48, Sugarcane Entomologist 1948-57, Entomologist (H.P) 1957-58; *Mem* Entomological Sub-Committee of the Indian Central Sugarcane Committee, Insect Pests Sub-Committee of the Rice Committee, Indian Council of Agrl Resch and Entomological Socy of India; *Pub* 50 resch papers in tech journals of repute; *Knows* French; *Specln* Scale Insects and Borers of Sugarcane; *Hobb* Photography, hiking, nature study, study of history and literature; *Av'ble* for employment abroad (notice—two months); *Listed* Times of India Directory and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Entomologist, Indian Institute of Sugarcane Research, Lucknow 2 (U.P).

KALYANASUNDARAM, (DR) RAMACHANDRAN; Reader Centre for Advanced Studies in Mycology & Plant Pathology Univ Botany Lab, Madras since 1954; *b* 22 Feb 1930, Vedaranyam (Madras State); *Edn* BSc (Hons) & PhD Madras Univ 1950 & 1954, Dr nat Sci Swiss Federal Inst of Techy, Zurich 1960; *Exp* Post-Doctoral Fellow Madras Univ 1954-57, Volkhart Foundation Fellow Swiss Federal Inst of Techy, Zurich 1957-60, Lecturer Univ Botany Lab, Madras 1960-64, Had been the Director of Summer Inst in Biology (1965) sponsored by Univ Grants Commission; *Mem* Indian and Swiss Botany Socys; *Pub* 25 resch papers published in international scientific journals; *Visited* France, Belgium, Holland, Switzerland, Germany, Denmark, Sweden, Italy, Egypt, England and USA; *Knows* German and Swiss German; *Specln* Mycology and Plant Pathology; *Hobb* Photography; *Add* 21, 4th Main Road, Rajah Annamalaipuram, Madras 28.

KAMALAPUR, SWAMIRAO KANTARAO; Prof Parasitology Coll of Vety Science & Animal Husbandry, Mhow (M.P) since 1962; *b* 11 Feb 1923, Dharwar; *Edn* BSc (Hons) & GBVSc Bombay Univ 1944 & 1948, Post-Grad Indian Vety Resch Inst, Mukteswar 1949, MS Univ of Illinois (USA) 1961; *Exp* Lecturer Vety Science G.S Coll of Science & Agri, Khamgaon 1948-51, Asst Prof Parasitology, Pathology & Bacteriology M.P Vety Coll (Jabalpur Univ) 1951-62; *Mem* American Socy of Parasitologists; *Pub* Two papers published in Indian Vety Journal and one tech report; *Visited* USA, UK, France, Germany, Italy, Switzerland and Egypt; *Knows* German; *Specln* Parasitology, Protozoa and Coccidia of Sheep & Goats; *Hobb* Indian classical music, literature and Indian history; *Av'ble* for employment abroad subject to the consent of Govt (notice—six months); *Listed* Who's Who Outside Karnatak (1958), Directory of U.S.A.I.D Programme, New Delhi (1961 & 1962) and 'Men of Sciences & Technology

in India' (Premier Publishers India); *Add* Kamalpur's Bungalow, Gupteshwar Road, Jabalpur (M.P).

KAMAT, MADHAV NARAYAN; Post-Grad Resch Guide Poona Univ since 1952; *b* 5 May 1897, Vengurla, Distt Ratnagiri; *Edn* BAg Bombay Univ 1919, MSc Minnesota Univ (USA) 1932; *Exp* Asst Prof Mycology and Plant Pathologist Coll of Agri, Poona 1924-42 and 1950-52; *Hony Mycologist* Maharashtra Assn for Cultivation of Science, Poona; *Pres* Maharashtra Phytopathological Socy, Poona; *Pub* Five text & laboratory guides in plant pathology & mycology, over 100 papers published independently or in collaboration, also a chapter on 'Plant Diseases' in Marathi Encyclopaedia; *Visited* UK and USA; *Specln* Plant Pathology and Mycology; *Hobb* Music; *Listed* Mycopathology Myco Applicata, Chicago (USA); *Add* 20 Saraswat Colony, Poona 11 (Maharashtra).

KAMDAR, (MRS) HANSA MANHARKANT; Lecturer & Head Botany Deptt Dhanwatey National Coll, Nagpur since 1962; *b* 30 Jul 1935, Nagpur; *Edn* BSc and MSc Nagpur Univ 1955 and 1958, Doing PhD from Nagpur Univ; *Exp* Resch Scholar (Govt of India) 1959-60, Was awarded a prize of Rs 1 000; *Mem* Botanical Socy Coll of Science, Nagpur; *Secy* Gujrati Mahila Samaj, Nagpur; *Knows* French; *Specln* Embryology; *Hobb* Social work, cooking, knitting, embroidery, collection of paintings, story writing and house-keeping; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Care Dr M. D Kamdar, Sitabuldi, Nagpur (Maharashtra).

KANAUJIA, AMAR SINGH; Lecturer Dairying & AH Deptt Punjab Agrl Univ, Hissar; *b* 2 Jan 1940, Kannauj (U.P); *Edn* BSc (Agri) and MSc (Agri) (AH & Dairying) Agra Univ 1960 and 1962; *Exp* Lecturer AH Deptt K.R Inst, Rajpura 1962-63, Asst Dairy Manager Punjab Agrl Univ, Hissar 1963-65; *Specln* Dairying; *Hobb* Sports and painting; *Av'ble* for employment abroad (notice—three months); *Add* Vill Gabaraha, P.O Ghanshrampur, Distt Kanpur (U.P).

KANHERIKAR, VINAYAK GOVIND; Officiating Agronomist I/c Regional Sugarcane Resch Stn, Kolhapur since Jul 1965 and Agrl Officer I/c Laboratory Section Office of the Agronomist Regional Sugarcane Resch Sub-Stn since Feb 1965; *Edn* BSc (Agri) (Hons) Poona Univ 1961; *Exp* Agrl Supervisor I/c Oil Analysis Lab 1961-62, Agrl Supervisor Agri Resch Stn, Karad 1962-63, Fertilizer Inspector Kolhapur and Sangli Distts in Fertilizer Control Act 1957 Scheme 1963-64, Agrl Supervisor I/c Tech Branch Office of the

Divisional Soil Conservation Officer Kolhapur Div 1964-65; *Specln* Agrl Technique, Departmental Accounts & Office Routine; *Hobb* Reading, games and acting in dramas; *Av'ble* for employment abroad (notice—three months); *Add* 2078 Sangawe Building, Rajaram Puri, Kolhapur (Maharashtra).

KANWAR, (DR) JASWANT SINGH; Director of Resch Punjab Agrl Univ since 1963 and Dean Coll of Agri, Hissar since 1964; *b* 10 Dec 1922, Khera Kalmot, Distt Hoshiarpur (Punjab); *Edn* BSc (Agri) & MSc (Agri) Panjab Univ 1944 & 1950, PhD (Soil Chemistry) Univ of Adelaide (Australia) 1953, Post-Doctorate (USA) 1957-58; *Exp* Lecturer Agrl Chemistry & Soil Science P.A Coll, Layallpur & Ludhiana 1944-50, Resch Fellow (Colombo Plan) in Australia 1950-53, Asst Prof Agrl Chemistry & Soil Science 1954-56, Prof Agrl Chemistry & Soil Science and Agrl Chemist 1957-63; *Fellow* Sigma Xi (USA) and Indian Inst of Chemistry; *Vice-Pres* Indian Socy of Soil Science and International Socy of Soil Science; *Chairman* Soil Science Committee (ICAR); *Pub* One book and about 150 resch papers & tech reports in leading scientific journals; *Knows* Persian; *Visited* UK, Australia, USA, Canada, Japan, Holland and USSR; *Specln* Soil Science (Soil Chemistry, Soil Fertility) and Soil Reclamation; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 190 Model Town, Ludhiana (Punjab).

KANWAR, (DR) KULDIP CHAND; Lecturer Zoology Panjab Univ since 1962; *b* 6 Jul 1933, Dharamsala (Punjab); *Edn* MSc (Hons) and PhD 1956 and 1960, Was awarded Sr Fellowship Univ Grants Commission and an International Post-Doctoral Fellowship of the United States P.H Service, Recently returned from USA after undertaking studies in Modern Cytology, particularly Freeze-Drying Techniques, Electron Microscopy and Radio Autography; *Exp* Univ Resch Scholar 1956-60, Sr Resch Fellow (CSIR) 1960-62; *Pub* 25 resch papers published in Indian and foreign journals of repute, one scientific article and two other non-resch writings; *Specln* Cytophysiological and Cytochemical Studies on Diseased and Normal Vertebrate Glands, Interested in Cytochemical Survey of Venom Secreting Glands in the Animal Kingdom and Extraction of Histological Dyes from Indegenous Plants; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shyam Nagar, Dharamsala, Distt Kangra (Punjab).

KAPIL, (DR) RAJENDRA PAL; Resch Officer Eri Seed Supply & Resch Stn, Ranchi; *b* 25 Nov 1930, Hoshiarpur; *Edn* BSc & MSc Agra Univ 1950 & 1952, DPhil Allahabad Univ 1956, Dr Applied Biology, Lyon (France) 1964; *Exp* Scholarship Holder Govts of India and France; *Life-Mem*

Entomological Socy of India; *Mem* Bee Resch Assn (England) & Science Congress Assn (India); *Fellow* Indian Council of Agrl Resch and Centre National de la Recherche Scientifique (France); *Pub* Thirteen publications in different Indian and foreign scientific journals and three tech reports; *Visited* France, Germany and Holland; *Knows* German Russian and French; *Specln* Entomology and Radiation Biology; *Hobb* Photography, reading light literature and stamp collection; *Av'ble* for employment abroad; *Listed* International Bee Directory and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Din Dayal Malik, C-85 Moti Nagar, New Delhi.

KAPOOR, CHANDER MOHAN; Student MSc (Agri & AH); *b* 15 Aug 1945, Hafizabad (W.Pak): *Edn* BSc (Agri & AH) Punjab Agrl Univ, Ludhiana 1965; *Specln* Dairying; *Hobb* Photography; *Add* S/o Shri Sardari Lal Kapoor, Badhian Street, Main Bazar, Gharaunda, Distt Karnal (Punjab).

KAPOOR, PRAHLAD NARAIN; Asst Development Officer (Manures) Min of Food & Agri, New Delhi since Dec 1959; *b* 15 May 1932, Fatehgarh (U.P); *Edn* BSc (Agri) & MSc (Agri) (Agronomy) Agra Univ 1950 & 1952, Cert Fruit Preservation Directorate of Fruit Utilization (U.P) 1954; *Exp* Agrl Inspector, Agra & Kanpur 1953-55, Demonstrator Agri, Agrl Engg & Asst Farm Supdt Govt Agrl Coll, Kanpur 1955-57, Asst Chemist Tower Compost Scheme, Lucknow 1957-59; *Asso* Standing Committee of Experts on Manures & Fertilizers and Action Committee for Stepping up Consumption of Superphosphate; *Coopt Mem* Fourth Plan Working Group on Manures & Fertilizers; *Pub* Six tech papers (three in English and three in Hindi) published in reputed journals; *Specln* Crop Husbandry; *Hobb* Cricket, badminton and volleyball; *Av'ble* for employment abroad (notice—three months); *Add* Assistant Development Officer (Manures), Ministry of Food and Agriculture, Krishi Bhavan, New Delhi.

KAPUR, DURGA PARSHAD; Divisional Forest Officer Chopal Forest Div since 1962; *b* 7 May 1918, Mandi; *Edn* BSc Panjab Univ 1938, DDR and AIFC Forest Resch Inst & Colls, Dehra Dun 1943 and 1951; *Exp* Divisional Forest Officer Churah Forest Div, Chamba 1951-54, Working Plan Officer Pahar Valley Working Plan, Kotgarh 1955-58, Divisional Forest Officer Rajgarh Forest Div, Rajgarh 1959-61; *Mem* Indian Wild Life Socy and Socy of Indian Foresters; *Pub* Working Plan for Pahar Valley Forests; *Hobb* Travelling; *Add* Shanti Niwas, Moti Bazar, Mandi (H.P).

KAPUR, (DR) NARINDER SINGH; Dy Tech Advisor Regional Directorate (Food), Bombay since Aug 1962; *b* 13 Oct 1925, Srinagar; *Edn* MSc (Chemistry) Panjab Univ 1947, MSc (Food Techy) New South Wales Univ 1955, PhD (Chemistry) B.H Univ 1957, PhD (Food Techy) Panjab Univ 1957; *Exp* Jr Scientific Asst & Sr Scientific Asst C.F.T.R.I, Mysore 1950-55 & 1955-57, Scientific Officer 1957-62; *Mem* Indian Inst of

Chemical Engrs; *Fellow* Royal Inst of Chemistry (London) and Royal Australian Chemical Inst; *Pub* 85 papers published in journals of repute; *Visited* Australia; *Knows* French; *Specln* Food Techy, Food Chemistry and Organic Chemistry; *Av'ble* for employment abroad; *Add* Office of the Regional Director (Food) Mistry Bhuvan, 3rd Floor, Dinshaw Wacha Road, Bombay (Maharashtra).

KARAMCHANDANI, KANAYO PRITAMDAS; Conservator of Forest Baroda Circle, Baroda since 1964; *b* 28 Jul 1924, Nasirabad, Distt Ajmer; *Edn* BSc Bombay Univ 1944, AIFC Indian Forest Coll 1948, MS State Univ of New York 1952; *Exp* Forest Utilization Officer (Bombay State) 1955-60, Silviculturist-Cum-Forest Utilization Officer (Gujarat State) 1960-62, Asst Chief Conservator of Forest (Gujarat State) 1962-64; *Mem* A number of Committees of the Indian Standards Instn; *Pub* About 15 articles in leading journals; *Visited* USA and UK; *Knows* French; *Specln* Utilization of Waste Woods; *Add* 'Ashiana', Salisbury Park, Poona.

KARANDIKAR, (DR) K. R; Hony Prof Zoology M.A.C.S, Poona since 1963; *b* 17 Mar 1902, Dhalavali, Distt Ratnagiri; *Edn* BA (Hons), BSc (first distinction) & MSc Bombay Univ 1924, 1925 & 1927, PhD Edinburgh Univ (UK) 1930; *Exp* Asst Entomologist ICAR, Baluchistan 1931-35, Prof Zoology Bombay Edn Service (Class I) 1938-58, Prof Zoology Poona Univ 1959-61; *Mem* Royal Entomological Socy, London and Academy of Sciences, Bangalore; *Pub* Two monographs, 30 resch papers in journals of repute and Desert Locust Investigation Reports (1932, 1933, 1934 and 1935); *Visited* UK, France and Germany; *Knows* French; *Specln* Entomology; *Hobb* Collection of insects; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 820 Bhandarkar Institute Road, Poona 4 (Maharashtra).

KARIHALOO, AUTAR KRISHEN; Pool Officer Central Sheep & Wool Resch Inst since 1964; *b* 2 Jan 1940, Srinagar (J & K); *Edn* BVSc & AH Rajasthan Univ 1961, Post-Grad Dip in Wool Techy and MSc (Sheep Breeding & Sheep Development) Univ of N.S.W, Sydney (Australia) 1962 and 1964; *Pub* Three papers on 'Studies of the Transport of Deep Frozen Ram Semen in the Reproductive Tract of the Ewe', 'Oestrus Syncronization and Its Utility in Sheep Improvement' and four tech reports; *Specln* Wool, Sheep Breeding and Sheep Development; *Hobb* Photography; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Malikangan, Fatehkadal, Distt Srinagar (J & K).

KARAPURKAR, (DR) HEMAN YASHWANT; Scientists Pool Officer CSIR; *b* 12 Aug 1935, Sanvordem (Goa); *Edn* BSc Bombay Univ 1955, MSc Poona

Univ 1957, Dr Sc Agri Goettingen (W.Germany) 1963; *Exp* Lecturer Govt Coll, Jamnagar 1957-59; *Pub* A paper published in a reputed journal; *Visited* W.Germany; *Knows* German, Portuguese and French; *Specln* Plant Nutritional Studies; *Hobb* Sports, table-tennis and badminton; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 428 Afonso De Albuquerque Road, Panjim (Goa).

KARNIK, (DR) CHINTAMAN RAM KRISHNA; Asst Prof Schl of Studies in Botany Vikram Univ, Ujjain since Feb 1961; *b* 23 Jan 1925, Karachi City (W.Pak); *Edn* MSc (Resch) Bombay Univ 1947, PhD Poona Univ 1960; *Exp* Prof & Head Botany Deptt M.J Coll, Jalgaon 1948-61; *Asso Mem* American Ecologists, New York; *Mem* Tropical Ecologists, Calcutta; *Fellow* Royal Horticultural Socy, London; *Pub* Books on Botany and Zoology for Inter Science and BSc Students, 15 resch papers in scientific journals and five general articles in newspapers; *Knows* German and French; *Specln* Plant Ecology (Forests) and Drug-Plants Ecology; *Hobb* Photography and surveying; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* Guru Dham, 722/AB, Block No. 4, First Floor, Laxmi Park Colony, Navi Peth, Poona 9 (Maharashtra).

KATYAL, SURENDRA KUMAR; Lecturer Agronomy Punjab Agrl Univ Campus, Hissar; *b* 14 Aug 1937, Shorkot (W.Pak); *Edn* BSc (Agri) and MSc (Agri) (Agronomy) Punjab Agrl Univ 1960 and 1963; *Exp* Three years exp as Resch Asst & Teaching in Agronomy, management of medium sized farms; *Pub* MSc thesis; *Specln* Forage Crop-Production; *Hobb* Social service and drawing; *Av'ble* for employment abroad in any country; *Add* 10/5 College of Agriculture, Hissar (Punjab).

KAUL, (DR) AUTAR KRISHNA; Resch Asso Waite Instc Adelaid (Australia); *b* 15 Jun 1940, Srinagar (J&K); *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1958 & 1960, PhD Saskatchewan Univ (Canada) 1964; *Exp* Sr Resch Asst Vegetable Resch Stn, Kanpur 1960-61; *Mem* American Socy of Agronomy (USA) and Canadian Socy of Genetics; *Pub* PhD thesis and three papers published in journals of repute; *Visited* Canada, Australia and USA; *Knows* Russian; *Specln* Genetics and Plant Breeding; *Hobb* Photography; *Av'ble* for employment (notice—six months); *Add* Care R.C.W, Kanpur (U.P).

KAURA, GURBACHAN RAI; Asst Agrl Chemist (H.P); *b* 18 Feb 1932, Kiratpur Sahib. Distt Hoshiarpur; *Edn* BSc (Agri) Panjab Univ 1955, MSc (Agri) Punjab Agrl Univ 1963; *Exp* Agrl Inspector 1955-61, Resch Asst 1961-64; *Mem & Vice-Pres* Chemical Socy Coll of Agri, Ludhiana; *Pub* One resch paper on Fertility Status Departmental Stations in District

Sirmaur', two resch papers on 'Effect of Continuous Manuring on the Physico-Chemical Properties of the Soil' & 'Effect of Continuous Manuring on Chemical Composition of Leaves of Apple' and one tech report on 'Soil Analysis of Agricultural Stations in District Sirmaur and Recommendation' (ready for publication); *Specln* Agrl Chemistry and Soil Science; *Hobb* Study of scientific and tech journals; *Av'ble* for employment abroad (notice—one month); *Add* Vill & P.O Kiratpur Sahib, Distt Hoshiarpur (Punjab).

KAUL, RAVINDERA NATH; Silviculturist Central Arid Zone Resch Inst, Jodhpur since 1958; *b* 30 Jun 1928, Lucknow; *Edn* MSc (Agronomy) Agra Univ 1950, Assoc IARI Indian Agrl Resch Inst, New Delhi 1952, AIFC Indian Forest Coll, Dehra Dun 1954, Trg in Plant Ecology organised by UNESCO for South East Asia 1958; *Exp* Asst Conservator of Forests (M.P) 1954-55, Soil Conservation Officer (M.P) 1955-56, Asst Silviculturist (M.P) 1956-57, Forest Officer Soil Conservation Resch Demonstration & Trg Centre, Dehra Dun 1957-58; *Mem* Section 21, IUFRO; *General Secy* Arid Zone Resch Assn of India (Jodhpur); *Pub* 69 resch and review papers in scientific journals, four tech reports on Forestry & Soil Conservation, edited one book entitled 'Afforestation in Arid Zones'; *Visited* Australia, USA and Israel; *Specln* Silviculture and Plant Introduction; *Hobb* Photography; *Av'ble* for employment abroad (notice—six to eight months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Silviculturist, Central Arid Zone Research Institute, Jodhpur (Rajasthan).

KAVADIA, VIRENDRA; PhD Scholar (Entomology) Indian Agrl Resch Inst, New Delhi; *b* 31 Dec 1940, Udaipur; *Edn* BSc (Agri) (first class) Rajasthan Univ 1960, MSc Entomology Indian Agrl Resch Inst, New Delhi 1962; *Mem* Entomological Socy of India; *Knows* German and Russian; *Specln* Toxicology (Estimation of Pesticide Residues in Foods, etc); *Hobb* Badminton, picnics and reviewing of scientific articles; *Av'ble* for employment abroad; *Add* 345 Bhupalpura, Udaipur (Rajasthan).

KESAVA, NITHIYANANDAN; Asst Mycology Agrl Coll & Resch Inst, Coimbatore since 1965; *b* 1 Jul 1941, Annavalli, Distt S.Arcot (Madras); *Edn* BSc (Agri) and MSc (Agri) Annamalai Univ 1962 and 1964; *Exp* Jr Resch Fellow CFTRI, Mysore 1964-65; *Specln* Microbiology (Undergone Fruit & Vegetable Preservation Course sponsored by ICAR); *Hobb* Sports and gardening; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Annavalli, Distt South Arcot (Madras State).

KEWALRAMANI, (DR) HARNAM GURDASSINGH; Sr Scientific Officer Fisheries

Deptt, Bombay since 1962; *b* 24 Apr 1917, Karachi (W.Pak); *Edn* BSc (Botany) & BSc (Zoology) Bombay Univ 1939 & 1941, PhD Darham Univ (UK) 1948; *Exp* Curator Taraporevala Aquarium, Bombay 1949-58, Resch Officer 1958-62; *Mem* Marine Biological Assn of India, Mandapam, Zoological Socy of India and Bombay Aquarium Socy; *Pub* Ten papers published in journals of repute and various popular articles in Aquarium Journals; *Visited* England, Sweden, Denmark, Germany, Holland, Switzerland and France; *Knows* French; *Specln* Aquatic Biology; *Hobb* Shell-collection; *Add* Senior Scientific Officer, Department of Fisheries, Taraporevala Aquarium, Bombay 2 (Maharashtra).

KHADILKAR, TRIMBAK RAMKRISHNA; Retired Gazetted Officer Govt of Bombay; *b* 17 Jan 1894; *Edn* BSc (Agri) Bombay Univ 1920, MS Cornell Univ (USA) 1932; *Exp* Rice Breeder, Karnatak (Mysore) 1931-37, Cotton Breeder, Khandesh (Maharashtra) 1937-50; *Pub* Book on 'Plant Breeding & Genetics' and 17 resch papers published in various scientific journals of international fame; *Visited* USA; *Specln* Plant Breeding & Genetics; *Hobb* Homeopathic Medicine Study; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India) ;*Add* Lobhaji Patil's House, Alsi Plots, Akola (Maharashtra).

KHAJURIA, HITOPDESHAK; Supdtg Zoologist & Officer I/c Central Regional Stn Zoological Survey of India, Jabalpur since 1964; *b* 13 Jul1 923, Jugain, Distt Kathua (J&K); *Edn* BSc (Hons) (first class) and MSc (Hons) (by resch) (first class first) Panjab Univ 1946 and 1948; *Exp* Reserve Collection Asst (Birds & Mammals), Bird & Mammal Asst, Asst Zoologist and Zoologist Zoological Survey of India 1947-48, 1948-56, 1956-60 and 1960-64; *Life Mem* Zoological Socy of India; *Life Fellow* Indian Assn of Systematic Zoologists; *Pub* One book on 'India's Wild Life', about 42 resch papers published in various scientific & tech journals of repute and seven survey reports on Zoological Survey of India; *Specln* Systematics and Ecology of Mammals; *Hobb* Music; *Av'ble* for employment abroad (notice—six months); *Listed* Directory of Zoological Taxonomists of the World, National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Jugain, P.O Parole. Distt Kathua (J & K).

KHAN, ABDUR RAHIM; Head Agrl Extension Div Indian Agrl Resch Inst, New Delhi since 1960; *b* 27 Jun 1907; *Edn* BSc (Agri) Agra Univ 1932, Post-Grad Dip Indian Agrl Resch Inst, New Delhi 1933, MSc Univ of Wisconsin (USA); *Exp* Agronomist 1953-59, Crop Production Specialist (Min of Food & Agri), New Delhi 1959-60; *Mem* Indian Science Congress, Calcutta, Pusa Resch Socy and Indian Agri Horticulture Socy (IARI), New Delhi; *Pres* Indian Socy of Extension Edn; *Pub* About 120 papers published in journals of repute, including bulletins, folders, etc;

Visited USA, UK and Western Europe; *Specln* Agronomy and Extension; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Ibrahim Manzil, Khurja (U.P).

KHANDEKAR, SHASHIKANT SADASHIV; Documentation Officer & Librarian Calico Chemicals & Plastic Div, Bombay since Jul 1962; *b* 3 Mar 1935, Malakapur, Kolhapur; *Edn* BSc, MSc (Botany) and Dip Lib Sc Poona Univ 1955, 1958 and 1961; *Exp* Herbarium Asst Botanical Survey of India, Poona Oct-Dec 1958, Agri & Science and General Gallery Asst Lord Reay Industrial Museum 1960-62; *Pub* Two writings 'Industry & Advertisement' and 'Satellite'; *Knows* German; *Specln* Mycology & Plant Pathology and Toxonomy; *Hobb* Stamp-collection, coin-collection and writing scientific articles; *Av'ble* for employment abroad (notice—one month); *Add* Care Shri S. G Khandekar, 1206/16-A Shivajinagar, Opposite Shambhaji Park, Poona 4 (Maharashtra).

KHANNA, (DR) PREM KRISHNA; Lecturer Botany Regional Coll of Edn, Bhopal since Jul 1965; *b* 31 May 1937; *Edn* BSc, MSc and PhD B.H Univ 1957, 1959 and 1964; *Exp* Lecturer Biology Besant Coll, Varanasi 1959-61, Resch Scholar Botany Deptt B.H Univ 1961-65; *Mem* Indian Science Congress and Indian Botanical Socy; *Pub* Three resch papers in leading scientific journals; *Knows* German; *Specln* Mycology and Plant Pathology; *Hobb* Gardening and music; *Av'ble* for employment abroad (notice—two months); *Add* Care Dr R. N Khanna, Machhodari Park, Varanasi 1 (U.P).

KHANNA, (DR) SAHIB SARAN; Prof & Head Zoology Deptt D.S.B Govt Coll, Nainital since 1964; *b* 30 Jun 1930, Bijnor (U.P); *Edn* BSc & MSc Agra Univ 1948 & 1950, PhD B.H Univ 1960; *Exp* Head Zoology Deptt Udai Pratap Coll, Varanasi 1950-59, Asst Prof Zoology D.S.B Govt Coll, Nainital 1959-64; *Mem* Zoological Socy of India and Zootomical Socy of India; *Pub* Eight papers published in scientific journals of repute; *Specln* Fishes; *Hobb* Scientific study; *Listed* 'Men of Sciences & Technology in India' & 'Men of Education in India'; *Add* 15/249A, Civil Lines, Kanpur.

KHARBANDA, KRISHAN LAL; Prof & Head Zoology Deptt D.S Coll, Aligarh since 1960; *b* 3 May 1931, Sialkot (W.Pak); *Edn* BSc Delhi Univ 1950, MSc Agra Univ 1958; *Exp* Lecturer Zoology M.M.H Coll, Ghaziabad 1951-56 and 1958-60; *Asso Fellow* Academy of Zoology; *Pub* Books on 'Annelida', 'Mollusca' and 'Coelenterata' (all for BSc students); *Specln* Fisheries and Entomology; *Hobb* Cricket, table-tennis and reading novels; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 65/50 Rohtak Road, New Delhi 5.

KHATIB, (DR) SYED MAHMOOD HUSAIN; Principal Coll of Science, Nagpur since 1964; *b* 1 Jan 1911, Pandharkawada (Maharashtra); *Edn* BSc, MSc and PhD Aligarh Univ 1930, 1932 and 1944; *Exp* Prof Biology Vety Coll, Jabalpur 1948-50, Head Zoology Deptt M.M Vidyalaya, Jabalpur 1950-55, Head Zoology Deptt Coll of Science, Nagpur 1955-60, Head Zoology Deptt Nagpur Univ and Principal Vidarbha Mahavidyalaya, Amravati 1960-64; *Fellow* Zoological Socy of India and Entomological Socy of India; *Pub* Five papers on 'Entomology' and one on 'Zoology' published in journals of repute; *Specln* Entomology; *Hobb* Hunting and tennis; *Listed* 'Men of Sciences & Technology in India' & 'Men of Education in India' (Premier Publishers India); *Add* Principal, Vidarbha Mahavidyalaya, Amravati (Maharashtra).

KHEDEKAR, PANDURANG KONDUJI; Lecturer Agronomy Coll of Agri, Akola since 1955; *b* 7 Jan 1928, Antri (Khedekar), Distt Buldana; *Edn* BSc (Agri) Nagpur Univ 1949, Assoc IARI 1951, Has completed M.Agr. Sc Course from Queensland Univ 1962; *Exp* Resch Asst Economic Botanist Section Old M.P, Nagpur 1952-54, Resch Asst Agronomy Section Old M.P, Nagpur 1954-55; *Visited* Australia; *Hobb* Gardening and photography; *Add* At & P.O Antri (Khedekar), Distt Buldana (Maharashtra).

KHOSHOO, (DR) TRILOKI NATH; Asst Director National Botanic Garden, Lucknow since 1964; *b* 7 Apr 1927, Srinagar; *Edn* MSc (Hons) Panjab Univ; *Exp* Sr Lecturer 1948-62, Head Post-Grad Botany Deptt J&K Univ 1962-64, Recipient of several prizes and the Prince of Wales Gold Medal, Participated in Conference of the World Consultation on Forest Genetics & Tree Improvement held at Stockholm at invitation of the FAO; *Fellow* Indian Academy of Sciences; *Jt-Editor* Silvae Genetica, International Journal of Forest Genetics & Forest Tree Breeding (W.Germany); *Mem* Council of the Indian Socy of Genetics & Plant Breeding; *Pub* More than 60 resch papers published in various scientific & tech journals of repute; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr Triloki Nath Khoshoo, National Botanic Garden, Lucknow (U.P).

KHURANA, (DR) JAGMOHAN SINGH; Prof & Head Physiology and Biochemistry Deptt Vety Coll, Mhow since Nov 1952; *b* 17 Jan 1917, Distt Surgodha (W.Pak); *Edn* LVP (Hons) Punjab Vety Coll, Lahore 1942, MSc & DUM Michigan State Univ (USA) 1948 & 1949, LLB Saugar Univ 1954; *Exp* Chief Vety & Artificial Insemination Officer, Bombay 1950-51, Asst Prof Physiology 1951-52; *Pub* Several papers published in journals of repute; *Visited* USA; *Specln* Vety Physiology and Animal Husbandry; *Hobb* Sight-seeing and travelling; *Av'ble* for employment abroad (notice — three months); *Add* Professor of Physiology, College of Veterinary Science & Animal Husbandry, Mhow (M.P).

KIRPEKAR, CHINTAMAN SHIVRAM; Divisional Forest Officer West Chanda Div, Chanda since 1964; *b* 10 Aug 1926, Nagpur; *Edn* BSc (Hons) Bombay Univ 1947, MSc Nagpur Univ 1949, AIFC Indian Forest Coll, Dehra Dun 1952; *Exp* Asst Conservator of Forests, Asst Silviculturist and Dy Conservator of Forests 1952-53, 1954-56 and 1956-58, Lecturer Indian Forest Coll, Dehra Dun 1959-64; *Mem* Socy of Indian Foresters; *Pub* Various papers published in journals of repute; *Specln* Forestry; *Hobb* Wild Life Management; *Av'ble* for employment abroad (subject to release by the Govt); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Ramdas Peth, Nagpur (Maharashtra).

KOTHANDARAMAN, GOLLAHALLI VENKATACHALA NAIDU; Asst Lecturer Chemistry Agrl Coll & Resch Inst, Coimbatore; *b* 24 Dec 1932, Gollahalli; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1956 and 1960; *Exp* Asst in Oilseeds 1956-58; *Mem* Madras Agrl Students Union and Academy of Agrl Sciences, Coimbatore; *Pub* Six papers published in journals of repute; *Specln* Soil Science (Agrl Chemistry); *Hobb* Stamp collection; *Add* At Gollahalli, P.O Dharmapuri, Distt Salem (Madras State).

KOWTAL, GOVINDRAJ VITTHALRAO; Resch Asst Central Inland Fisheries Resch Unit, Balugaon (Puri) since 1963; *b* 11 Apr 1934, Bijapur (Mysore State); *Edn* BSc, BSc (Botany) & MSc (Zoology & Entomology) Karnatak Univ 1954, 1955 & 1956, Trg Cert in Fisheries Development & Admn Central Inland Fisheries Resch Inst, Barrackpore 1963; *Exp* Part-Time Demonstrator in Biology Jul-Nov 1956, Demonstrator Biology 1956-57, Fishery Survey Asst (Marine Fisheries) 1957-63; *Pub* One paper in 'Science & Culture'; *Knows* French; *Specln* Fisheries; *Hobb* Study of Indian & foreign languages; *Av'ble* for employment abroad (notice—1½ months); *Add* New Bazar, Bijapur (Mysore State).

KRISHNAMURTHI, (DR) S; Managing Director Banana & Fruit Development Corpn, Madras since Jun 1965; *b* 15 Jan 1911; *Edn* BSc (Agri) Madras Univ 1932, MS California Univ 1947 (first in Univ among MS Students of the year), PhD (with distinction) Michigan State Univ 1949; *Exp* On staff of Imperial Council of Agrl Resch, New Delhi (Now IARI) and Agrl Coll & Resch Inst, Coimbatore 1933-35 and 1935-41, Specialised Trg at Fruits Resch Stn, Kodur 1941, I/c Horticulture Section Agrl Coll & Resch Inst, Coimbatore 1941-46, Curator Govt Botanical Gardens, Ootacamund 1949-51, Prof & Head Agri Deptt Annamalai Univ 1951-57, Asst Agrl Commissioner ICAR 1957-58, Head Horticulture Div Indian Agrl Resch Inst, New Delhi 1958-59, Dean Agrl Coll & Resch Inst, Coimbatore 1959-63, Director of Agri, Madras 1963-65; *Mem* Boards of Various Committees of Madras, Andhra, Annamalai, Osmania, Kerala and Karnatak Univs, Indian Council of Ag

Edn, Indian Council of Agrl Resch, Central Commodity Committees and Chairman various committees, etc; *Pub* Five books and about 80 papers published in journals of repute; *Visited* USA, Thailand, Japan, Philippines, Malaysia and Ceylon; *Add* Banana and Fruit Development Corporation Ltd, Madras.

KRISHNAN, (DR) GHENTA; Prof & Director Zoology Lab Madras Univ since 1959; *b* 17 Apr 1911, Madras; *Edn* BA (Hons), MA, LT & MSc (by resch) Madras Univ 1931, 1936, 1941 & 1947, PhD Manchester Univ (UK) 1950; *Exp* Demonstrator & Asst Prof Zoology Presidency Coll, Madras 1937-42 & 1942-51, Reader Zoology Madras Univ 1951-59; *Pub* Several papers in Indian & foreign Zoological journals; *Visited* UK and France; *Specln* Animal Physiology and Histochemistry; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Professor of Zoology & Director, Zoology Research Laboratory, University of Madras, Madras.

KRISHNASWAMI, (DR) SESHAYYA; Director Resch Central Sericulture Resch Stn, Berhampur; *b* 12 Apr 1922, Sattaur (Madras); *Edn* BSc (Agri) Madras Univ 1949, Assoc IARI Indian Agrl Resch Inst, New Delhi 1949, PhD Madras Univ 1951; *Exp* Asst Director Min of Food & Agri 1952-54, Biologist, Entomologist (Head of Div) and Director Indian Lac Resch Inst, Namkem 1954-56, 1956-61 and 1959-60; *Fellow* Entomological Socy of India; *Mem* Indian Science Congress Assn; *Pub* A monograph of Lac, over 50 resch papers published in journals of repute, a few popular articles and various reports; *Specln* Insect Toxicology & Chemical Control of Insects, Storage Entomology, Lac Entomology and Sericulture; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 20 Venkatram Naidu Street, Perambur, Madras.

KSHETRAPAL, (MISS) SHASHIKALA; Resch Scholar Botany Deptt Saugar Univ; *b* 25 Nov 1942, Higanghat (M.P); *Edn* BSc and MSc Saugar Univ 1962 and 1964; *Pub* A paper published in a reputed journal; *Specln* Angiosperm; *Hobb* Gardening, sewing, cooking and reading stories; *Add* Care Shri H. C Kshetrapal, Asst Engineer (Retd), Sarkunda, Distt Bilaspur (M.P).

KUKRETI, PRAYAG DATT; Tech Asst Directorate of Economics & Statistics (Min of Food & Agri), New Delhi since 1965; *b* 26 Jun 1941, Allahabad (U.P); *Edn* BSc (Agri) and MSc (Agrl Economics) Agra Univ 1961 and 1963; *Exp* Demonstrator Agrl Economics 1963-65; *Pub* Thesis on 'Determination of Relationship between Size of Holdings and Levels of Income in Block Chaubepur, Distt Kanpur'; *Hobb* Climbing on trees, boating, volleyball and badminton; *Av'ble* for employment abroad (notice—one month); *Add* Vill & P.O Goil, Distt Garhwal-Pauri (U.P).

KULKARNI, DATTATRAY MAHADEV RAO; *b* 25 Dec 1940; *Edn* BSc (Agri) Karnatak Univ 1964; *Hobb* Reading and resch in Agrl Science; *Av'ble* for employment abroad (immediately); *Add* Care Shri V. B Joshi, Near Municipal Hospital, Old Hubli, Distt Dharwar (Mysore State).

KULKARNI, DATTATRAYA BALKRISHNA; Agrl Supervisor Regional Sugarcane Resch Sub-Stn, Kolhapur since Nov 1963; *b* 8 Apr 1934, Kolhapur; *Edn* BSc (Agri) Karnatak Univ 1962; *Exp* Agrl Officer I/c Agrl Resch Stn, Vadgaon (Maval), Distt Poona Jan-Jul 1963, Agrl Supervisor I/c Fertilizer Varietal Trials Jul-Oct 1963; *Specln* Accounts & Office Routine Work and Agrl Technique; *Hobb* Playing, drawing, painting and reading; *Av'ble* for employment abroad (notice—three months); *Add* New Mahadwar Road, Block No. 58, Kolhapur (Maharashtra).

KULKARNI, DATTATRAYA RAMCHANDRA; Lecturer Extension Agri Coll, Nagpur since 1960; *b* 16 Dec 1926, Gevrai (Maharashtra); *Edn* BSc (Agri) Bombay Univ 1947, MSc (Agri) Post-Grad Schl (IARI), New Delhi 1960; *Exp* Demonstrator Horticulture & Agri Officer I/c Nursery, Distt Ratnagiri 1947-49, I/c Nursery 1949-50, Rice Resch Asst Himayetsagar Farm 1950-51, Agri Asst, Hyderabad 1951-52, Farm Supdt & Asst Farm Supdt Govt Main Experiment Stn, Parbhani 1952-58; *Pub* Three articles in coll magazines and a few unpublished popular articles & radio scripts for talks; *Specln* Agronomy (Soil & Water Management); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 118/2 Shivaji Nagar, Poona 5 (Maharashtra).

KULKARNI, DINKAR HANSRAJ; Deputy Inspector General of Forest (Min of Food & Agri), New Delhi since 1964; *b* 11 Jul 1918, Akkalkot; *Edn* MSc Nagpur Univ 1939, AIFC Forest Resch Inst, Dehra Dun 1942; *Exp* Conservator of Forests 1956-59, Prof Forestry and Dean Forest Resch Inst, Dehra Dun 1959-64; *Mem* Indian Board of Wild Life, Timber Dryers & Preservers Assn and Development Council of Paper, Pulp & Allied Industries; *Pub* Three books and 30 resch papers published in reputed journals; *Visited* Germany, Denmark, Sweden, Italy, France, UK and Switzerland; *Specln* Forestry; *Av'ble* for employment abroad (if Govt permits); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care The Chief Conservator of Forests, Poona.

KULKARNI, RAMCHANDRA TUKARAM; Principal J.S.M Coll, Alibag (Maharashtra) since 1961; *b* 25 Apr 1925, Velapur, Distt Sholapur; *Edn* BSc (Hons) and MSc Bombay Univ 1945 and 1950; *Exp* Managing Director Progressive Agrl Industries Ltd, Poona 1947-50, Lecturer Lingraj Coll, Belgaum 1950-54, Asst Prof Maths S.P Coll, Poona 1954-61, Post-Grad Teacher Poona Univ 1958-61; *Mem* Court Academic Council Board

of Accounts, Board of Studies in Maths & Statistics (Poona Univ), Indian Mathematical Socy, Madras, Secondary Schl Cert Exam Board (Maharashtra State) and India Foundation; *Pub* Four books on 'Plane Analytical Geometry', 'First Course in Algebra', 'First Course in Calculus', and 'Pre Degree Maths'; *Specln* Pure Maths; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India'; *Add* J.S.M College, Alibag Distt Kolaba (Maharashtra).

KULKARNI, (DR) UDDHAV KESHAV; Lecturer Botany Shivaji Univ, Kolhapur (Maharashtra) since 1965; *b* 2 Feb 1925, Fatyapur (Maharashtra); *Edn* BSc Bombay Univ 1947, MSc and PhD Poona Univ 1951 and 1965; *Exp* Demonstrator Biology 1947-52, Lecturer 1952-55, Head Biology Deptt R.P.D Coll, Belgaum 1955-65; *Pub* Eight resch papers in Indian & foreign journals; *Specln* Mycology (Botany); *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Education in India' and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Fatyapur, P.O Targaon, Distt Satara (Maharashtra).

KUMAR, (DR) INDRA; Asst Prof Animal Nutrition Post-Grad Coll of Animal Sciences Indian Vety Resch Inst, Izatnagar since Jan 1965; *b* 24 Nov 1924, Rampur (U.P); *Edn* BSc Agra Univ 1943, MSc Allahabad Univ 1946, PhD Univ of Aberdeeln (UK) 1957; *Exp* Resch Asst 1946-55, Resch Scholar Rowet Resch Inst, Aberdeen (UK) 1955-57, Asst Prof Animal Nutrition 1958-60, Post-Doctoral Resch Fellow New York Univ 1960-64, Asso Prof Animal Nutrition Punjab Agrl Univ, Ludhiana Apr-Oct 1964; *Pub* More than 15 resch papers published in reputed scientific journals; *Visited* USA and Scotland; *Knows* German; *Specln* Animal Nutrition, Radioisotope Techniques in Biological Studies and Biochemistry; *Hobb* Swimming, hiking and music; *Av'ble* for employment abroad (notice—three months); *Add* 553 Sahukara, Bareilly (U.P).

KUMAR, (DR) SURENDRA; Pool Officer Coll of Vety Medicine, Mathura since 1963; *b* 5 Jun 1935, Lucknow (U.P); *Edn* BVSc & AH Agra Univ 1957, MS and PhD Univ of Minnesota (USA) 1961 and 1962; *Exp* Resch Asst Coll of Vety Medicine, Mathura 1957-58, Vety Bacteriologist & Consulting Bacteriologist Hill Top and Beebee Labs, St Paul (USA) 1958-59 & 1959-63, Resch Fellow & Post-Doctoral Resch Fellow Univ of Minnesota (USA) 1959-61 & 1961-63; *Mem* Phi Zeta Keppa (USA) and Sigma Xi (USA); *Pub* Four papers published in scientific journals of repute and several reports on 'Projects on Animal Diseases in USA'; *Visited* England, France, Italy and USA; *Knows* Russian and Spanish; *Specln* Bacteriology and Virology; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 25 Varsity Estate, Roorkee, Distt Saharanpur (U.P).

KUMARAN, (DR) JOSEPH D. SAMPATH; Retired Scientist Indian Council of Agrl Resch; *b* 1 Aug 1903; *Edn* LVP Punjab Vety Coll, Lahore 1930, MA and PhD Missouri Univ (USA) 1947 and 1949; *Exp* Manager Palace Dairy, Mysore 1930-40, Supdt Indian Agrl Resch Inst (Govt of India), Resch Officer Indian Vety Resch t, Izatnagar 1954-56, Prof M.P Vety Coll, Mhow Cantt 1956-59, Prof Baghdad Univ, Iraq 1959-61; *Mem* Royal Socy of Health, London; *Fellow* Zoological Socy of London and Royal Microscopical Socy, London; *Pub* 'Artificial Insemination & Animal Production', 'Sex Chromatin & Applied Cytogenetics', 50 scientific & popular papers in Indian & foreign journals; *Visited* Middle Eastern Countries, Europe, USA and Canada; *Knows* French and German; *Specln* Animal Genetics, Endocrinology and Reproductive Physiology; *Hobb* Resch; *Av'ble* for employment abroad (notice—one month); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Bungalow No. 67, Mall Road, Mhow Cantt (M.P).

KUNDU, (2/LT) PHANI BHUSHAN; Asst Prof Vety Surgery Bengal Vety Coll, Calcutta since 1962; *b* 1 Oct 1934, Tripporah (E.Pak); *Edn* BVSc & AH Calcutta Univ 1958, MRCVS, London (UK) 1962; *Exp* Vety Asst Surgeon 1958-60, NCC Officer in Bengal Vety Coll, Calcutta; *Mem* Royal Coll of Vety Surgeons; *Pub* Some papers on 'Poultry Parasites' in tech journals, tech reports on 'Poultry Diseases' and review work on some problems of Vety Surgery; *Av'ble* for employment abroad (as per Govt rules); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 96 Kamalapur, Calcutta 28 (W.B).

KURIAN, (DR) C. V; Prof & Head Marine Biology & Oceanography Deptt Kerala Univ since Apr 1965; *b* 3 Nov 1919 (Kerala); *Edn* BSc & MSc Travancore Univ 1942 & 1947, DSc Belgrade Univ (Yugoslavia); *Exp* Resch Asst & Asst Resch Officer 1947-57, Biologist Oceanographic Lab 1957-59, Reader I/c Oceanographic Lab & Head Deptt 1959-65; *Mem* Indian Assn of Biological Sciences; *Vice-Pres* Marine Biological Assn of India; *Pub* 25 Original papers published in journals of repute; *Visited* England, Yugoslavia, Italy, France and Switzerland; *Knows* Serbo-Croat; *Specln* Genl Oceanography, Benthos, Cumacea and Deep Sea Crustacla; *Add* Chaliyathu House, Olakettiyambalam, P.O Mavelikara (Kerala).

KURIAN, (MRS) THRESIAMMA; Lecturer Zoology Fatima Mata National Coll, Quilon since 1959; *Edn* BSc Travancore Univ 1944, MSc Kerala Univ 1961; *Exp* Demonstrator Zoology Fatima Mata National Coll, Quilon 1952-59; *Hobb* Reading; *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Karippacherry, Pattathanam, Distt Quilon.

KURUP, UNNIKRISHNA G; Asst Zoologist Zoological Survey of India, Calcutta since 1961; *b* 3 Sep 1934, Tiruvalla (Kerala); *Edn* BSc Kerala Univ 1954, MSc B.H Univ 1956; *Exp* Asst Supdt Fisheries Deptt, Bombay 1958-59; *Mem* Bombay Natural History Socy; *Pub* Six papers published in scientific & tech journals of repute; *Specln* Mammalogy (Morphology, Ecology & Taxonomy); *Hobb* Literary activities; *Av'ble* for employment abroad (as per Govt rules); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Zoological Survey of India, Indian Museum, Calcutta 13 (W.B).

L

LAHIRI, (DR) ASOK NATH; Plant Physiologist Central Arid Zone Resch Inst, Jodhpur since 1960; *b* 1 May 1935, Calcutta; *Edn* BSc (Hons) & MSc Calcutta Univ 1953 & 1955, PhD London Univ 1959; *Exp* (Resch & Teaching) London Univ 1958-59, Sr Fellow (CSIR) 1959-60; *Mem* Scandinavian Socy for Plant Physiology, Socy of Experimental Biology (UK), The Indian Socy for Plant Physiology and Indian Science Congress Assn; *Pub* 25 resch papers in journals of repute and 15 tech reports; *Visited* UK, France and Holland; *Specln* Plant Physiology; *Hobb* Photography and reading; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 1/5 Rupchand Mukherjee Lane, Calcutta 25 (W.B).

LAKSHMANAN, ARUNACHALAM; Reader Agronomy Annamalai Univ since 1956; *b* 22 May 1929, Attangudi (Madras State); *Edn* BSc (Agri) & Dip Horticulture Madras Univ 1951 & 1956, MS Tennessee Univ (USA) 1961; *Exp* Extension Officer Agri Deptt (Madras Govt) 1951-56; *Visited* USA; *Specln* Agronomy; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Reader in Agronomy, Annamalai University, Annamalainagar (Madras State).

LAKSHMANAN, T; Probationary Officer United Indian Insurance Co, Madras since Apr 1965; *b* 16 May 1941, Karaikudi; *Edn* BSc Madras Univ 1961, MSc Annamalai Univ 1964; *Exp* Resch Asst Pasteur Inst, Coonoor (Nilgiris) Feb-Mar 1965; *Pub* Dissertation entitled 'Histology of Alimentary Canal of Anabas Scandens'; *Specln* Limnology and Fisheries Biology; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* 23 Alangudiar Street, Karaikudi 1, Distt Ramnad.

LAKSHMINARASIMHAN, APPASWAMY; Reader Anatomy Madras Vety Coll, Madras since 1961; *b* 3 Jan 1927, Ootacamund (Nilgiris); *Edn* GMVC, BVSc, Cert in German and MSc Madras Univ 1948, 1949, 1955 and 1961; *Exp* Touring Vety Asst Surgeon 1949-50, Vety Surgeon 'Tuberculin Testing Scheme', Madras 1950-51, Asst to Resch Officer Ranikhet Vaccine, Madras 1952-54, Asst Lecturer and Lecturer Anatomy Madras Vety Coll, Madras 1954-58 and 1958-61; *Pub* Five papers in Indian Vety Journal and a thesis in Anatomy; *Knows* German; *Specln* Teaching and Resch; *Hobb* Reading books; *Add* Madras Veterinary College, Madras.

LAL, (DR) MADHU SUDAN; Prof & Head Botany Deptt Coll of Agri, Indore; *b* 1 Jan 1928, Sihore (U.P); *Edn* BSc (Agri), MSc (Agri) and PhD Agra Univ 1948, 1950 and 1962, Advanced Trg Illinois Univ (USA) 1961-62; *Exp* Botanical Resch Asstt (U.P Govt) 1951-53, Lecturer Botany (M.P Govt) 1953-56, Sr Lecturer (M.P Govt) 1956-63; *Mem* Indian Socy of Genetics & Plant Breeding and American Socy of Agronomy; *Pub* Eight papers published in journals of repute and two popular articles; *Specln* Genetics & Plant Breeding; *Av'ble* for employment abroad (notice—six months); *Add* Care Shri Jawala Prasad Ji, Vill & P.O Sihore, Distt Mathura (U.P).

LAL, RAJ KISHOR; Resch Asst Botany Div Indian Agrl Resch Inst, New Delhi since 1965; *b* 15 Jan 1943, Varanasi; *Edn* BSc (Agri) and MSc (Agri) B.H Univ 1962 and 1964; *Pub* Thesis on 'Nitrogen Fertilization in Relation to Lodging and Yield of Wheat Crop'; *Specln* Plant Physiology; *Add* S 2/130 Ordali Bazar, Varanasi (U.P).

LAL, TRILOK BEHARI; Plant Pathologist Directorate of Plant Protection, Quarantine & Storage (Min of Food & Agri) since 1947, presently posted at Plant Quarantine & Fumigation Stn, Sewri, Bombay; *b* 13 Sep 1915, Bharatpur; *Edn* BSc (Agri) Allahabad Univ 1935, Assoc IARI Indian Agrl Resch Inst 1937, MSc N.C State Coll, North Carolina (USA) 1952; *Exp* Resch Asst Investigations on Cereal Rusts 1938-40, Resch Asst Plant Virus Resch Scheme Indian Agrl Resch Inst 1940-44, Sr Resch Asst Incharge Seed Potato Multiplication & Certification Schemes at Karnal and Kufri (Simla Hill) 1944-47; *Mem* Indian Phytopathological Socy; *Pub* Twenty papers in tech journals; *Visited* USA; *Knows* German; *Specln* Plant Pathology, Plant Virology, Plant Protection and Plant Quarantine; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Basan Gate Street, Distt Bharatpur.

LALL, H. K; Additional Director of Animal Husbandry (U.P) Badshahbagh, Lucknow since 1960; *b* 8 Mar 1919, Peshawar; *Edn* BSc Panjab Univ 1937, MRCVS Royal Coll of Vety Surgeons, London 1941; *Exp* Vety Investigation Officer (Punjab) 1942-45, Asst Animal Husbandry Commissioner (Govt of India) 1945-49, Dy Director Animal Husbandry (Govt of U.P) 1949-60; *Pres* Assn of Scientific Workers of India (Lucknow Branch); *Pub* 17 tech articles and 17 popular articles published in reputed journals; *Visited* UK, USA, Australia, Newzealand, Indonesia, Burma and Thailand; *Specln* Sheep Husbandry; *Hobb* Photography; *Add* B 6/2 River Bank Colony, Lucknow (U.P).

LAVANIA, GIRIJA SHANKAR; Asst Prof Botany B.R Coll, Agra since 1961;

b 10 Jul 1929, Agra (U.P); *Edn* Sahitya Ratna Hindi Sahitya Sammelan, Prayag 1948, BSc and MSc (Botany) Agra Univ 1950 and 1953; *Exp* Lecturer Botany Hindu Coll, Moradabad 1954-61, Prof & Head Botany Deptt N.R.E.C Coll, Khurja Jul-Oct 1961; *Mem* Indian Botanical Socy; *Pub* One book on 'Practical Botany; *Specln* Mycology—Plant Diseases; *Hobb* Literature and Botanical expeditions; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 17 Old Vijai Nagar Colony, Agra (U.P).

LAXMIKANT, (DR) RANGRAO HIREKERUR; *b* 1931, Raichur; *Edn* BSc (Hons) (with distinction) Karnatak Univ 1952, MSc and PhD Univ of Minnesota (USA) 1960 and 1963; *Exp* Sr Soil Resch Asst State Deptt of Agri in India 1952-58, Trg in Soil Survey Indian Agrl Resch Inst, New Delhi 1954; *Pub* Three papers on 'Effect of Saline Waters on Growth & Yield of Rice', 'Drainage for Rice Fields', & 'Growth Studies on Rice' published in reputed scientific journals and many others (under publication); *Visited* USA; *Knows* German; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr B. V Mulay, Sholapur, Bombay (Maharashtra).

M

MACWAN, JAINES STIVEN; Lecturer Biology since 1963; *b* 8 Nov 1937, Dohad; *Edn* BSc Sardar Vallabhbhai Vidyapeeth 1959, MSc Gujarat Univ 1963; *Exp* Demonstrator Biology 1962-63, Undergone Military Trg (Prize Holder in Rifle Shooting); *Specln* Fresh Water Zoology; *Hobb* Collection & study of animals and plants; *Av'ble* for employment abroad (notice—one month); *Add* Ashru Niwas, Christian Society, Baherampura, Distt Ahmedabad (Gujarat).

MADAPPA, POOVAIAH PARUVANGADA; Resch Asst Gokhale Inst of Politics & Economics, Poona; *b* 3 May 1939, Coorg; *Edn* BSc (Agri) (Hons) and MSc (Agri) (Economics) (first position in Univ) Karnatak Univ 1962 and 1964; *Mem* Indian Socy of Agrl Economics; *Pub* Dissertation 'A Study of Labour on Paddy'; *Specln* Agrl Labour; *Hobb* Shooting, games and sports; *Av'ble* for employment abroad (notice—two months); *Add* P.O Nalkeri, Via Srimangala, Distt S. Coorg (Mysore State).

MADHAVAN NAIR, SREENIVASAN NAIR; Asst Director Soil Conservation, Trivandrum; *Edn* BSc (Agri) B.H Univ 1954, Fruit Preservation & Canning Trg (U.P Govt) 1954, Extension Trg Agrl Coll (Kerala) 1961, Soil Conservation Trg, Ooty 1962, Soil Conservation Trg, Dehra Dun 1964; *Exp* Supdt Distt Agrl Farm, Peringamala Jan-Jun 1964; *Mem* Agrl Officers Assn; *Pub* Various tech articles in departmental & other Orgns; *Specln* Soil Conservation and Extension Methods (experienced in Conducting Exhibitions); *Hobb* Photography, table-tennis and outdoor games; *Av'ble* for employment abroad subject to approval of Govt; *Listed* National Register (CSIR); *Add* Pattoor House, Vanchiyoor, Distt Trivandrum (Kerala).

MAHALINGAM, PUDUHATTY KRISHNAN; Asst Lecturer Chemistry Agrl Coll, Coimbatore; *b* 13 Oct 1938, Puduhatty (Madras State); *Edn* BSc (Agri) and MSc (Agri) Madras Univ; *Mem* Academy of Agrl Sciences, Coimbatore, Madras Agrl Students' Union & Madras Agrl Coll Officers' Club; *Specln* Soil Science; *Hobb* Listening to radio, reading and chess; *Av'ble* for employment abroad (notice—six months); *Add* Vill Puduhatty, P.O Ithalar, Distt Nilgiris (Madras State).

MAHAPATRAO, (DR) BIPIN BIHARI; Pool Officer (CSIR) Physiology Deptt Orissa Univ of Agri & Techy, Bhubaneswar since 1964; *b* 25 Mar 1939, Aska (Ganjam *Edn* BVSc & AH Utkal Univ 1960, MS and PhD Maryland Univ (USA) 1963 and 1964; *Exp* Vety Asst Surgeon & AH Extension Officer, Sambalpur (Orissa) 1960-61, Grad Asst Univ of Maryland (USA) 1961-64; *Mem* American Socy of Animal Science, Phi Kappa Phi Honor Socy and Sigma Xi Honor Socy; *Pub* Three resch papers; *Visited* USA; *Knows* French and German; *Specln* Animal Nutrition, Physiology and Biochemistry; *Hobb* Teaching and resch; *Add* S/o Late Shri R. C Mahapatrao, Aska, Distt Ganjam (Orissa).

MAHESHWARI, (DR) PANCHAMAN; Prof and Head Botany Deptt Delhi Univ since 1949; *b* 9 Nov 1904; *Edn* BSc, MSc & DSc Allahabad Univ 1925, 1927 & 1931, DSc (Hony) McGill Univ (USA) 1959, FRS 1965; *Exp* Lecturer Agra Coll, Agra 1930-37, Lecturer Allahabad Univ 1937-39, Reader & later Prof Dacca Univ 1939-49; *Corp Mem* American Botanical Socy and German Botanical Socy; *Fellow* Indian Botanical Socy, Indian Academy of Science, National Academy of Science and National Inst of Sciences of India; *Hony Foreign Fellow* American Academy of Arts and Sciences & Kaiserlich Deutsche Akadder Naturforscher; *Pub* One book on 'Introduction to Embryology of Angiosperms', about 200 papers published in various scientific journals, several popular articles and tech reports; *Visited* Germany, France, Sweden, England, USSR, USA, Nepal, Israel, Australia, Tasmania and Indonesia; *Knows* German and French; *Specln* Plant Embryology; *Hobb* Music and stamp-collection; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Department of Botany, Delhi University, Delhi.

MAHINDRA, OM PRAKASH; Lecturer Botany T.R.S Coll, Rewa (M.P) since 1963; *b* 20 Jun 1939, Govindgarh, Distt Rewa; *Edn* BSc and MSc (Botany) Saugar Univ 1958 and 1962; *Exp* Lecturer Botany Govt Coll, Guna (M.P) 1962-63; *Mem* Botanical Socy (Saugar Univ); *Pub* Thesis on 'Studies on Fusaria of Saugar'; *Specln* Mycology; *Hobb* Chess and gardening (Floriculture); *Av'ble* for employment abroad (notice—two years); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Amahiya, Near State Bank, Rewa (M.P).

MAHESHWARI, (DR) SATISH C; Reader Botany Delhi Univ; *b* 4 Oct 1933, Agra; *Edn* BSc (Hons), MSc and PhD Delhi Univ 1952, 1954 and 1958; *Exp* Lecturer Botany Delhi Univ 1954-61, Smith Mundt Fulbright Resch Fellow Yale Univ (USA) 1959-60, Post-Doctoral Resch

Fellow California Inst of Techy (USA) 1960-61; *Mem* American Botanical Socy, International Socy of Plant Physiologists, Indian Socy of Plant Physiologists, etc; *Pub* 30 Scientific papers in journals of repute; *Visited* USA, England and Germany; *Knows* German; *Specln* Plant Physiology and Biochemistry; *Hobb* Reading; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 5/15 Roop Nagar, Delhi.

MAJUMDAR, (DR) BIRENDRA NATH; Prof Animal Nutrition Post-Grad Coll, Izatnagar (U.P) since 1958; *b* 1 Mar 1909, Dacca (E.Pak); *Edn* BSc Dacca Univ (E.Pak) 1929, MSc Lucknow Univ 1933, PhD Bombay Univ 1945; *Exp* Biochemist Cholera Inquiry All India Inst of Hygiene & P.H. Calcutta 1936-37, Parlakimedi Resch Fellow Nutrition Resch Lab, Coonoor 1937-40, Asst Resch Officer & Resch Officer Biochemistry Animal Nutrition Div Indian Vety Resch Inst, Izatnagar (U.P) 1940-58; *Invitation Mem (Active)* N.Y Academy of Science (USA); *Pub* About 50 original resch papers published in reputed Indian and foreign journals, some of which have earned wide acclaim from scientists abroad and invitation extended to visit their countries; *Specln* Animal Nutrition including Agrl Chemis try and Biochemistry; *Hobb* Chess and gardening; *Av'ble* for employment abroad (notice—three to four months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 112/1/1/5 Manoharpukur Road, Calcutta 26 (W.B).

MAJUMDAR, (DR) JAGADISH CHANDRA; Resch Scholar Under 'German Academic Exchange Scholarships' Scheme; *b* 12 Apr 1939, Vill Fazilpur, Distt Jessore (W.B); *Edn* BSc (Agri) Calcutta Univ 1958, MSc and PhD IARI 1961 and 1965; *Exp* Japanese Paddy Campaign Officer Jul-Dec 1958, Asst Teacher of Agri Banerjee Danga M.H.S Schl, Midnapur (W.B) Feb-Sep 1959; *Mem* Indian Socy of Agronomy; *Pub* Two books (in 4 Vols) for High Schl Agri Students (in Bengali) (in collaboration); *Visited* W.Germany and Switzerland; *Knows* German; *Specln* Agronomy: Weed Control; *Hobb* Singing, travelling, novels and stories; *Av'ble* for employment abroad (with the permission of Govt of India); *Add* 107 B, Kashinath Chatterjee Lane, P.O Sibpur, Distt Howrah (W.B).

MAJUPURIA, (DR) TRILOK CHANDRA; Head Zoology Deptt M.S Post-Grad Coll, Saharanpur since 1959, 2/Lt & Coy Commander NCC and Investigator U.P CSIR Resch Scheme; *b* 6 Oct 1933, Gwalior (M.P); *Edn* BSc, MSc & MSc (Fishes) Agra Univ 1950, 1952 & 1954, PhD Vikram Univ 1962; *Exp* Govt Resch Scholar 1952-54, Lecturer Biology D.S.I Coll, Aligarh 1954-57, Lecturer Zoology Narain Degree Coll, Shikohabad (U.P) 1957-59; *Mem* Zoological Socy, Calcutta, National Academy of Sciences, Allahabad and All India Science Teachers' Assn; *Pub* Five books

'Zoological Handbook of the Vertebrate Classification', 'Comments on the Zoological Slides', 'Zoological Handbook of Osteology', 'Zoological Handbook of the Invertebrate' & 'Textbook of Invertebrate Zoology', 12 zoological books of children series, 14 resch papers published in various journals of repute and 40 popular zoological articles in 'Dharmyug', 'Saptahik Hindustan', 'Vigyanlok', etc; *Knows* German; *Specln* Vertebrate Zoology and Physiology of Reproduction; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Madhonagar, Saharanpur (U.P).

MAKHIJANI, (DR) JETHANAND KARAMCHAND; Retd UN Expert, Advisor to Govt of Colombia (South America) in Animal & Dairy Industry; *b* 1 Jul 1907, Hyderabad Sind (Pak); *Edn* BSc (Agri) Bombay Univ 1931, AIDI (Dairying) Indian Dairy Resch Inst, Bangalore 1937, PhD (Animal Genetics) Univ of Edinburgh (UK) 1939, Hony Fellow Univ of Minnesota (USA) 1947, Visiting Fellow Watumull Foundation (USA) 1948; *Exp* Prof & Head Animal Husbandry Deptt Univ of Ceylon 1953-57, Deputy Livestock Development Advisor to Govt of India 1957, UN Expert 1957-60 and 1963-64; *Mem* Animal Husbandry and Vety Assn in India and abroad; *Pub* 12 papers published in India, and foreign journals of repute, articles in press in India and abroad and reports issued by United Nations and Govt of India; *Visited* UK, France, Belgium, Holland, Denmark, Italy, Germany, USA, Canada, Ceylon, Sudan and Colombia; *Knows* Spanish and French; *Specln* Animal Genetics, Animal Husbandry and Dairying; *Hobb* General reading, general writing, animals, birds and gardening; *Av'ble* for employment; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care National and Grindlays Bank Ltd, Lloyds Branch, P.O Box 48, Bombay 1 (Maharashtra).

MALHOTRA, MOHINDER NATH; Asst Protozoologist Indian Vety Resch Inst, Izatnagar; *b* 1 Nov 1935, Bhatinda; *Edn* BVSc & AH and MVSc Panjab Univ 1957 and 1962; *Exp* Resch Asst Indian Vety Inst, Izatnagar 1957-58, Resch Fellow Schl of Tropical Medicine 1958-60; *Mem & Jt Secy* Assn of Scientific Workers of India (Izatnagar Branch); *Pub* 14 resch papers published in journals of repute; *Specln* Protozoology; *Hobb* Reading; *Av'ble* for employment abroad subject to permission of Govt (notice—three months); *Add* C-26 Lajpatnagar III, New Delhi 14.

MALHOTRA, YOG RAJ; Lecturer Zoology J & K Univ since 1961; *b* 30 Mar 1933, Baramulla (J & K); *Edn* BSc J & K Univ 1953, MSc Allahabad Univ 1955; *Exp* Lecturer Zoology Govt Coll, Poonch 1955-56, Lecturer Zoology Govt G.M Science Coll, Jammu 1956-61; *Mem* International Socy of Ichthyology and Hydrobiology; *Pub* Two papers published in

reputed scientific journals; *Specln* Ichthyology; *Hobb* Animal collection and shooting; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Lecturer Post-Graduate Department of Zoology, J & K University, Srinagar (J & K).

MALIK, (DR) BRAHMA SINGH; Prof & Head Bacteriology Deptt U.P Vety Coll, Mathura since Mar 1965; *b* 15 Jan 1927, V & P.O Silana (Meerut); *Edn* BVSc & AH & MVSc (Bacteriology) Agra Univ 1952 & 1959, PhD (Microbiology) New Hampshire Univ (USA) 1964; *Exp* Veterinarian Animal Husbandry Deptt, Demonstrator/Lecturer Bacteriology & Asst Prof Bacteriology U.P Vety Coll, Mathura 1952-56, 1959-61 and 1964-65; *Mem* National Academy of Sciences, Allahabad, Socy of Sigma Xi (USA) and Assn of Microbiologists of India; *Pub* 15 papers published in Indian and foreign journals of repute; *Visited* USA, UK and Canada; *Specln* Immunology; *Hobb* Reading of books and journals of Bacteriology; *Add* Vill & P.O Silana, Distt Meerut (U.P).

MALIK, RANVIR SINGH; Asst Horticulturist Indian Agrl Resch Inst, New Delhi since 1960; *b* 12 Jul 1933, Silana, Distt Meerut (U.P); *Edn* BSc (Agri) and MSc (Agri) (Horticulture) Agra Univ 1951 and 1953; *Exp* Fruit Resch Asst 1953-56, Resch Asst 1956-60; *Mem* Rose Socy of India; *Life Mem* Horticultural Socy of India; *Pub* Six papers in reputed scientific journals and seven other writings; *Visited* USA, Switzerland, England, Holland, Japan and Hongkong; *Specln* Horticulture (Floriculture); *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* 18 The Mall, Meerut Cantt (U.P).

MALL, (DR) LALLAN PRASAD; Reader & Head Botany Deptt Schl of Studies Vikram Univ since 1961; *b* 30 Jul 1920, Lucknow (U.P); *Edn* BSc Allahabad Univ 1943, MSc Lucknow Univ 1945, PhD Saugar Univ 1956; *Exp* Lecturer Birla Coll, Pilani 1945-47, Lecturer & Asst Prof Saugar Univ 1947-61; *Mem* British Ecological Socy, International Socy of Tropical Ecology Indian Science Congress Assn and Socy of Plant Physiology; *Life Mem* Indian Botanical Socy; *Pub* Twelve papers published in scientific journals of repute; *Specln* Plant Ecology and Plant Physiology; *Hobb* Games; *Av'ble* for employment abroad; *Listed* National Register (CSIR), 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Vill & P.O Lakhnaur, Distt Azamgarh.

MANKAD, DILIPRAY JAYSUKHLAL; Resch Asst Central Inst of Fisheries Techy, Veraval (Gujarat); *b* 9 Sep 1939, Bhuj (Kutch); *Edn* BSc and MSc Gujarat Univ 1960 and 1962; *Hobb* Cricket and reading; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Central Institute of Fisheries Technology, Sub-Station Bunder Road, Veraval (Gujarat).

MANN, (DR) HARCHARA SINGH; Specialist (Crop Production); *b* 6 Mar 1922, Karnal; *Edn* BSc (Agri) 1944, MS (Agronomy), MS (Agrl Economics) and PhD (Agronomy) Kansas State Univ (USA) 1952, 1955 and 1955; *Exp* Asst Agronomist, Asst Prof Agronomy and Agronomist 1955-58, 1958-59 and 1959-64; *Mem* American Socy of Agronomy and Indian Socy of Agronomy; *Pub* 35 papers published in journals of repute and 12 tech reports; *Visited* USA; *Knows* French; *Specln* Crop Physiology and Production; *Hobb* Swimming and photography; *Av'ble* for employment abroad; *Add* Vill & P O Maruali Kalan, Distt Ambala (Punjab).

MANNIKAR, (DR) NANDKUMAR DIGAMBER RAO; Asst Prof Soils U.P Agri Univ, Pantnagar, since Apr 1965; *b* 1 Mar 1938, Gulberga (Mysore State); *Edn* BSc (Agri) (first class first) Osmania Univ 1959, MSc and PhD IARI, New Delhi 1961 and 1965; *Exp* Sr Resch Fellow (CSIR) 1964-65; *Mem* Indian Socy of Soil Science; *Pub* One paper on 'Selection of Green Manure Crops for the Uptake of Sub-Soil Phosphorus Studies with P 32'; *Visited* Ceylon; *Knows* French and German; *Hobb* Reading, touring and indoor games; *Add* Care Dr S. M Kohrikar, 3-3-834/2 Imbliban, Kutibiguda, Hyderabad (A.P).

MANOHAR, (DR) MAN SINGH; Pool Officer Central Arid Zone Resch Inst, Jodhpur; *b* 7 Jul 1938, Jobner (Rajasthan); *Edn* BSc (Agri) Rajasthan Univ 1959, MSc (Agri) (Horticulture) Agra Univ 1961, PhD Univ of Nottingham (UK) 1964; *Fellow* Royal Horticultural Socy (England); *Pub* Ten original resch papers published in Indian & foreign journals of repute, Abstract of Thermocouple Psychremeter published in the proceedings of X International Botanical Congress and a paper read in the Conference of the Socy for Experimental Biology at Nottingham; *Visited* England; *Specln* Effect of Lower Water Potential on Germination of Seeds and the Growth of Plants; *Hobb* Badminton and bridge; *Av'ble* for employment abroad (notice—one month); *Add* Care Maj Jai Singh, 'Jaibdhvan', Jobner, Distt Jaipur (Rajasthan).

MARIAKULANDAI, (DR) ARULANANDAM; Principal Agrl Coll, Madurai since 1965; *b* 21 Dec 1910, Tiruchirapalli (Madras State); *Edn* BSc, BSc (Agri) & MSc Madras Univ 1932, 1935 & 1943, PhD Washington State Univ (USA) 1951; *Exp* Govt Agrl Chemist 1955-58, Prof Soil Science 1958-59, Principal Agrl Coll, Coimbatore 1959-60, Prof Agronomy Regional Post-Grad Central Agrl Coll, Madurai 1960-65; *Mem* International Socy of Soil Science and Indian Socy of Soil Science; *Ex-mem* American Chemical Socy and Sigma Xi; *Pub* About 60 resch papers published in scientific journals of repute; *Visited* USA, England, France, Italy, Switzerland and Rome; *Knows* French; *Specln* Soil Fertility and Agrl Chemistry; *Hobb* Football, cricket and photography; *Av'ble* for

employment abroad in 1965; *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr Arulanandam Mariakulandai, Principal, Agriculture College, Madurai (Madras State).

MARIASUSAI, JAYA MARIE; Prof & Head Botany Deptt Holy Cross Coll, Trichinopoly since 1940; *b* 23 May 1914, Madras; *Edn* BSc, MA and LT Madras Univ 1937, 1939 and 1940; *Mem* Indian Botanical Socy, International Socy of Plant Morphologists and Newman Assn of India; *Fellow* Indian Botanical Socy; *Pub* Several articles published in reputed journals; *Knows* French and German; *Specln* Physiological Plant Anatomy; *Hobb* Photography, gardening and embroidery; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Monica Villa, 120 Silver Street, St Thomas Mount, Distt Chingleput (Madras State).

MATHAI, K. P; Lecturer Zoology Mar Athansius Coll, Kothamangalam (Kerala) since 1963; *b* 25 Jun 1937, Moorattupuzha (Kerala); *Edn* BSc and MSc Kerala Univ 1959 and 1962; *Exp* Asst Entomologist Cashew E.P.C (India) May-Nov 1962, Resch Asst Med Coll, Trivandrum 1962-63; *Pub* One paper on 'The Incidence of Helminthiasis in Children'; *Specln* Entomology; *Hobb* Reading excursion and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kakkathottathil, P.O Pareekanni, Distt Ernakulam (Kerala).

MATHEW, (DR) KUNJAMMA; Designated Scientists Pool Officer; *b* 1 Jan 1930, Olassa (Kerala); *Edn* BSc & MSc Kerala Univ 1950 & 1952, PhD California Univ (USA) 1964; *Exp* Demonstrator Botany Annamalai Univ 1952-56, Lecturer Botany C.M.S Coll, Kottayam 1956-57, Resch Asst (Part-Time) Botany California Univ (USA) 1957-64; *Mem* Socy for the Study of Evolution; *Pub* Papers in journals of repute; *Visited* USA; *Knows* German; *Specln* Cytogenetics and Plant Breeding; *Hobb* Book collection, needle work and flower arrangements; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 'Thayil', P.O Olassa, Distt Kottayam (Kerala).

MATHEW, (MRS) MERCY; Sr Lecturer Zoology Fatima Mata National Coll, Quilon (Kerala); *b* 1 Jan 1932, Karunagapally; *Edn* MSc Bombay Univ 1954; *Specln* Zoology; *Hobb* Cooking; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kandathil, Kadappakada, Quilon (Kerala).

MATHUR, (DR) RAJENDRA SHANKER; Reader Zoology Deptt Rajasthan Univ since 1963; *b* 22 Oct 1930, Jaipur; *Edn* BSc Rajasthan Univ 1952, MSc Agra Univ 1954, PhD Dublin Univ 1961, Underwent Special Trg in

Electron Microscopy at London as Scientific Visitor of British Council; *Exp* Lecturer Govt Coll, Kota 1954-56, Lecturer Maharajas Coll, Jaipur 1956-57, Lecturer Govt Coll, Ajmer 1957-59; *Fellow* Royal Microscopical Socy of London, The Zoological Socy of London and Linnean Socy, London; *Pub* About 20 papers published in Indian and foreign journals of repute; *Visited* Ireland, UK, France, Germany, The Netherlands and Spain; *Specln* Cytology, Cytochemistry and Electron Microscopy; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Department of Zoology, University of Rajasthan, Jaipur (Rajasthan).

MATHUR, (DR) SHRI NARAIN; Lecturer Botany Gorakhpur Univ since 1963; *Edn* BSc, MSc and PhD Agra Univ 1948, 1950 and 1960; *Exp* Post-Doctoral Fellow Harvard Biological Labs, Cambridge (USA) 1960-61, Lecturer Botany Meerut Coll, Meerut 1950-63; *Mem* American Socy of Plant Physiologists, Socy for Experimental Biology (UK), Scandinavian Socy for Plant Physiology and American Inst of Biological Sciences; *Life Mem* Indian Botanical Socy and Indian Socy for Plant Physiology; *Pub* Fifteen resch papers published in Indian and foreign journals of repute; *Visited* USA, UK, France, W.Germany, Switzerland and Italy; *Specln* Plant Physiology (Guiding Resch); *Hobb* Photography and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Department of Botany, University of Gorakhpur, Gorakhpur (U.P).

MAZUMDER, NIRENDRA KUMAR; Resch Worker Immunogenetics Lab, Genetics Div Indian Vety Resch Inst, Izatnagar since 1964; *b* 17 Dec 1940, Majupur, Noakhali (E.Pak); *Edn* BVSc & AH (with distinction) Calcutta Univ 1962, MVSc (Animal Genetics & Breeding) (first class) Agra Univ 1964; *Pub* A thesis; *Specln* Animal Genetics and Breeding; *Hobb* Reading books; *Av'ble* for employment abroad (notice—one month); *Add* Nayapara, P.O Dharmanagar (Tripura State).

MEENAKSHISUNDARAM, PUVALAI THILLAINAYAGAM; Asst Resch Officer Central Marine Fisheries Resch Unit, Madras since 1963; *b* 2 Feb 1927, Madras; *Edn* BSc Madras Univ 1947, MSc Bombay Univ 1962; *Exp* Survey Asst and Survey Asst (Selection Grade) Central Marine Fisheries Resch Inst 1947-57 and 1957-63; *Mem* Marine Biological Assn India Marine Fisheries, Mandapam Camp; *Pub* Four resch papers on 'Food and Feeding Habits of Indian Herring', 'A Note on Host Specificity of Fish Parasites', etc; *Specln* Fishery Biology, Offshore Fisheries and Fishery Survey; *Hobb* Fishery resch and reading; *Av'ble* for employment abroad (notice—one month); *Add* 32 A Vallam Bangaru Chetty Street, Vepery, Madras 7.

MEENAKHISUNDARAM, V; Asst Lecturer Agrl Economics Agrl Coll & Resch Inst, Coimbatore (Madras State) since 1964; *b* 14 Apr 1934, Tirunelveli Town; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1955 and 1964; *Exp* Agrl Demonstrator 1955-57 & 1960-61, Farm Supervisor Jul-Nov 1957, Special Agrl Demonstrator 1957-60, Plant Protection Asst & Personal Asst (Tech) to Agrl Officer 1961-62; *Mem* Madras Agrl Students' Union, Coimbatore, Academy of Agrl Sciences, Coimbatore, Indian Socy of Agrl Economics and Madras Agrl Upper Subordinate Officers Assn; *Pub* Various resch papers published and in process of publication in The Madras Agrl Journal and allied journals; *Specln* Agrl Economics; *Hobb* Badminton and electricity; *Av'ble* for employment abroad (notice—six months); *Add* 52 Sambandar Street, Tirunelveli Town (Madras State).

MEHRA, (DR) K. L; Botanist Central Potato Resch Stn, Patna since 1962; *b* 15 Apr 1930; *Edn* BSc (Hons) & MSc Delhi Univ, PhD Oklahoma State Univ (USA); *Exp* Resch Asst Okla State Univ (USA) 1956 59, Maize Breeder Indian Agrl Resch Inst, New Delhi 1960-62; *Mem* Indian Socy of Genetics & Plant Breeding and Indian Botanical Socy; *Fellow* Linnean Socy of London; *Pub* 35 resch papers in reputed journals; *Visited* Canada, USA, UK and France; *Knows* French; *Specln* Genetics, Cytology Evolution and Ethno Botany; *Hobb* Stamp collection; *Av'ble* for employment abroad; *Listed* American Univ W.H.O and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 17 Hanuman Building, Lal Kuan, Delhi 6.

MEHTA, RAJ KRISHAN; Prof Pharmocology M.P Coll of Vety Science & Animal Husbandry, Mhow (M.P) since 1963; *b* 13 Feb 1919, Montgomery (W.Pak); *Edn* LVP (Hons) & BVSc Panjab Univ 1943 & 1953, MS Illinois Univ (USA) 1962; *Exp* Vety Asst Surgeon & Tech Asst 1943-56, Asst Prof Pharmacology 1957-62; *Pub* Tech book entitled 'Laboratory Manual of Veterinary Pharmacology' (under preparation); *Visited* USA; *Specln* Vety Pharmacology; *Hobb* Photography; *Av'ble* for employment abroad (notice—four months); *Listed* Directory of USAID Participants; *Add* Care Shri D. B Mehta, Assistant Accountant General A.G.C.R, New Delhi.

MEHTA, UGAM RAJ; Resch Asst (Agronomy) Regional Resch Stn, Mandor (Jodhpur); *b* 22 Feb 1937, Jodhpur; *Edn* BSc (Agri) Rajasthan Univ 1960, MSc (Agri) (Agronomy) Udaipur Univ 1963; *Exp* Agri Asst 1961-62; *Specln* Agronomy (Field Crops and Soil Conservation); *Hobb* Gardening and weeds collection; *Av'ble* for employment abroad (notice—six months); *Add* Farason Ka Bungalow, Moti Chowk, Jodhpur (Rajasthan).

MEMON, HABIB LATIF; *b* 5 Jun 1913; *Edn* Special Course in Dairying Coll of Agri, Poona 1937, BAg Bombay Univ 1937, Dip Electroculture & Rural Uplift R.D & E.F Assn, Mainpuri 1938; *Exp* Agrl Development Officer

(Radhanpur) State, 1938-39, Agrl Officer (Baroda State) 1939-42, Agrl Officer Grasslands and Cattle Survey, Palghar Taluka 1943, Rationing Officer, Bombay 1943-54 (Retrenched due to Decontrol); *Ex-fellow* Royal Horticultural Socy, London; *Pub* Tech reports on 'Grass Fodder Survey (Palghar Taluq)' submitted to the Govt; *Specln* Horticulture, Dairying, Milk Products, Cattle Feeds, Fertilizers, Fruit Preservation and Minerals; *Hobb* Collection of rare earths and stones; *Av'ble* for employment in India and abroad (notice—three months); *Add* 777 (3) Ghodbander Road, Jogeswari, Bombay 60 (Maharashtra).

MISHRA, (DR) BENUDHAR; Head Physiology Deptt Punjab Agrl Univ Vety Coll, Hissar since 1964; *b* 2 Jan 1932, Dhenkanal (Orissa); *Edn* GVSc Calcutta Univ 1953, MS and PhD Kansas State Univ (USA) 1962 and 1964; *Exp* Vety Asst Surgeon 1953-59, Resch Officer 1959-60, Resch Asst Kansas State Univ 1960-64; *Mem* Phi Kappa Phi, American Socy of Animal Sciences and American Socy of Dairy Sciences; *Pub* Eight papers published in journals of repute; *Visited* Egypt, Italy, France, Germany, England, USA, Canada, Japan, Hong Kong, Singapore and Ceylon; *Knows* German; *Specln* Animal Nutrition, Physiology and Biochemistry; *Hobb* Music and photography; *Add* Vill Sadashibpur, P.O Dhenkanal (Orissa)

MISHRA, (DR) MAHESH NARAIN; Asst Prof Agronomy Govt Agrl Coll, Kanpur (U.P) since 1963; *b* 1 Jan 1938, Harwar, Distt Jaunpur (U.P); *Edn* BSc (Agri) & MSc (Agrl Agronomy) Agra Univ 1955 & 1957, PhD (Agronomy) Univ of Illinois (USA) 1962; *Exp* Agronomical Asst Sugarcane Resch Stn, Shahjahanpur (U.P) 1957-58, Soil Survey Asst All India Soil and Land Use Survey Scheme Indian Agrl Resch Inst, New Delhi Apr-Aug 1958, Lecturer Agronomy Govt Agrl Coll, Kanpur 1958-63, Teaching Exp of Post-Grad Classes in Agronomy and Conducting & Guiding of Resch for more than eight years; *Mem* Crop Science Socy of America, Indian Socy of Agronomy, Sigma Xi (Univ of Illinois Chapter) and American Socy of Agronomy; *Pub* Fifteen papers published in reputed scientific journals; *Visited* USA, UK, Canada, France and Germany; *Knows* French and German; *Specln* Crop Production & Management, Weeds & Weed Control, Soil Conservation, Agronomy and Soil Fertility; *Hobb* Photography and touring; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Harwas, P.O Balwarganj, Distt Jaunpur (U.P).

MISRA, BRUNDABAN; Project Leader-Cum-Dy Director Agri, Sambalpur; *b* 22 Sep 1922, Bandh (Orissa); *Edn* BSc (Hons) Utkal Univ 1944, BSc (Hons) Univ of Wales 1948; *Exp* Personal Asst to Director of Agri (Orissa) 1949-54, Distt Agrl Officer, Balangir 1954-59, Dy Director Agri,

Bhubaneshwar 1959-61; *Pub* A few popular scripts of AIR and Magazines; *Visited* UK, France, Ireland, Holland, Belgium and Ceylon; *Specln* Botany and Agrl Economics; *Hobb* Photography; *Av'ble* for employment abroad (notice—one year); *Add* Para, P.O Baghiabahal, Distt Bandh-Phulbani (Orissa).

MISRA, (DR) DAYA KRISHNA; Agronomic Central Arid Zone Resch Inst, Jodhpur since 1958; *b* 1 Mar 1924, Lucknow; *Edn* BSc (Agri) Agra Univ 1946, Dip Fruit & Veg U.P Deptt of Agri 1947, MSc (Agri) Agra Univ 1948, Assoc IARI Indian Agrl Resch Inst 1950, PhD and MS Kansas State Coll (USA) 1954; *Exp* Soil Conservationist USDA, Kansas (USA) 1954-55, Dy Director Soil Conservation 1957; *Mem* American Socy of Agronomy, Sigma Xi and Gamma Sigma Delta of USA; *Exec-Mem* Indian Socy of Agronomy; *Vice-Pres* Arid Zone Resch Assn of India; *Pub* 'Crop Production in Arid Zones' (under writing), 38 scientific papers, 32 tech articles and 14 resch notes published in journals of repute, 25 radio talks, 20 articles in Hindi and UNESCO report 1963; *Specln* Crop Production and Soil Conservation; *Hobb* Coloured photography and Rotary Club Service Projects; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Kumhrawan, Distt Lucknow (U.P).

MISRA, (DR) SHEO GOPAL; Asst Prof Agrl Chemistry Allahabad Univ since 1956; *b* 13 Sep 1931, Narauli, Distt Fatehpur (U.P); *Edn* BSc, MSc and DPhil Allahabad Univ 1950, 1952 and 1954; *Exp* Editor 'Vigyan'—a Hindi scientific monthly published by Vigyan Parishad, Allahabad and Managing Editor 'Vigyan Parishad Anusandhan Patrika'—a resch journal in Hindi; *Life Mem* Indian Socy of Soil Science, New Delhi, National Academy of Sciences (India) and Vigyan Parishad, Allahabad; *Pub* Textbook on 'Bhartiya Krishi Ka Vikas', edited four books in Hindi, 36 resch papers on various aspects of Soil Science published in various Indian & foreign journals and a number of popular articles published in scientific magazines; *Knows* French; *Specln* Agrl Chemistry; *Hobb* Study of Hindi; *Listed* Literature Hindi Sevi Sansar, Lucknow, 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 25 Ashok Nagar, Allahabad 1 (U.P).

MITRA, (DR) EVA; Resch Officer Botany Central Inland Fisheries Resch Inst, Cuttack since 1964; *b* 24 Apr 1919, Calcutta; *Edn* MA (Botany), Hony Scholar, Ghosh Resch Scholar and Doctorate of Philosophy Calcutta Univ 1941, 1941-43, 1943-45 and 1958; *Exp* Asst Resch Officer (Botany), Resch Asst and Asst Resch Officer Central Inland Fisheries Resch Inst, Cuttack 1947-49, 1949-58 and 1958-64; *Life Mem* Asiatic Socy, Indian Botanical Socy and Bengal Botanical Socy; *Pub* Eight scientific papers, one being submitted and four under publication; *Specln* Autecological Studies of Aquatic Vegetation relating to Aquatic Weed

Control; *Hobb* Music; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr Eva Mitra, 14 Chowringhee Terrace, Calcutta 20 (W.B).

MITRA, (DR) GIRINDRA NATH; Asst Botanist (Govt of India) Rice Resch Stn, Chinsurah (W.B) since Sep 1961; *b* 14 Aug 1929, Calcutta; *Edn* BSc, MSc and DPhil Calcutta Univ 1950, 1953 and 1961; *Exp* Resch Scholar Deptt of Agri Calcutta Univ 1955-60, Lecturer Botany Malda Coll (W.B) 1960-61; *Mem* Agrl Socy, Calcutta, Botanical Socy of Bengal, Calcutta and Indian Socy of Genetics & Plant Breeding, New Delhi; *Pub* Ten papers published in journals of repute; *Specln* Cyotogenetics, Genetics and Plant Breeding; *Hobb* Football and cricket; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 'Satadal Kutir', P.O Motihari, Distt Champaran (Bihar).

MITRA, (DR) (MRS) MAYA (NEE KUNDU); Asst Prof Botany Bethune Coll, Calcutta since 1958; *b* 20 Mar 1935 (Burma); *Edn* BSc (first class first) Gauhati Univ 1952, MSc (Botany) and DPhil Calcutta Univ 1954 and 1960; *Exp* Lecturer Botany Berhampore Girl's Coll, Murshidabad (W.B) 1954-55, Resch Asst (ICAR) 1955-58; *Mem* Physiological Socy of India; *Life Mem* Botanical Socy of Bengal; *Pub* Four resch papers published in leading international journals and one tech report; *Visited* Burma; *Knows* Burmese; *Hobb* Photography and touring; *Av'ble* for employment abroad (if Govt permits); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr. G. N Mitra, 'Satadal Kutir', P.O Motihari, Distt Champaran (Bihar).

MITTAL, SOM PRAKASH; Resch Fellow (UGC) Deptt of Botany Gorakhpur Univ; *b* 1 Nov 1942, Kairana (U.P); *Edn* BSc and MSc Agra Univ 1960 and 1962; *Exp* Lecturer Quaderia Science Coll, Burhanpur 1962-64; *Mem* Japanese Socy of Plant Physiologists (Tokyo Univ); *Pub* Four papers published in scientific journals of repute; *Specln* Floral Morphology & Embryology and Plant Physiology; *Hobb* Stamps collection and making new friends; *Av'ble* for employment abroad (notice—one month); *Add* 54 Sarwat Gate North, Muzaffarnagar (U.P).

MITTAL, VEERENDRA NATH; Asst Agrl Statistical Officer, Solan since Aug 1961; *b* 19 Aug 1937, Chachrauli Kasia, Distt Ambala; *Edn* BA Panjab Univ 1955, Sr Cert in Agrl Statistics Indian Council of Agrl Resch, New Delhi 1957; *Exp* Statistical Asst Agri Deptt (H.P) 1957-61; *Pub* One paper & report on 'The Survey of Fertilizer & Improved Practices (under print); *Specln* Agrl Statistics (Sample Surveys); *Hobb* Singing; *Av'ble* for employment in UK; *Add* Assistant Agricultural Statistical Officer, Solan (H.P).

MODHA, (DR) VALLABHDAS VITHALJI; Agrl Officer, Dhari since 1964; *b* 20 May 1932; *Edn* BSc (Agri) Gujarat Univ 1956, MS (Botany) Fort Hays Kansas State Coll (USA) 1961, PhD (Agronomy) Kansas State Univ (USA) 1964; *Exp* Tech Asst Agri Deptt, Rajkot 1956-60; *Mem* Range Management Socy of America; *Visited* USA, England, Germany, Switzerland and Egypt; *Knows* French; *Specln* Agri, Botany, Soils and Plant Physiology; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 144 Bazargate Street, 2nd Floor, Fort, Bombay 1 (Maharashtra).

MOHANTY, BAURI BANDHU; Prof Obst & Gynae Orissa Vety Coll, Bhubaneshwar (Orissa) since 1962; *b* 10 Feb 1923, Rasulpur, Distt Cuttack; *Edn* GBVC Bihar Vety Coll, Patna 1949, Post-Grad Advanced Course in Physiopathology of Reproduction Indian Vety Resch Inst, Izatnagar 1955, FRVCS (Sweden) 1957; *Exp* Vety Asst Surgeon 1949-56, Artificial Insemination Inspector (Orissa) 1956-58, L.R Distt Animal Husbandry & Vety Officer Jan-Feb 1958, Artificial Insemination Officer (Orissa) Feb-Mar 1958, Cattle Sterility Officer (Orissa) 1958-61, Reader Gynae Orissa Vety Coll 1961-62; *Mem* Indian Science Congress and Orissa Vety Assn; *Fellow* Royal Vety Coll of Surgeons, Stockholm (Sweden); *Pub* Papers on 'Mal Formation of the Genetalia in Cows' & 'Study of Sexual Behaviours & Serving Ability of Red Sindhi Bulls' published in vety journals of repute, popular articles on 'Cow-Keeping & Utility of Artificial Insemination' and three tech reports on 'Study of Cattle Sterility in Orissa'; *Visited* Sweden, Norway, Denmark, UK and France; *Specln* Animal Gynae, Obst & Animal Reproduction including Artificial Inseminations; *Hobb* Gardening, poultry keeping and stamp-collection; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Nausahi, Gangaram, Distt Puri (Orissa).

MOHAMED SULAIMAN; Prof & Head Plant Pathology Deptt Coll of Agri Poona Univ and Plant Pathologist Agri Deptt (Maharashtra Govt) since 1960; *b* 6 Dec 1914, Hyderabad; *Edn* BSc (Agri) McGill Univ (Canada) 1940; *Exp* Asst Entomologist I/c Sugarcane Insect Pest Resch Scheme (Hyderabad Govt) 1941-45, Entomologist Civil Supplies Deptt (Hyderabad Govt) 1945-46, Reader & Head Plant Pathology & Entomology Deptt Coll of Agri Osmania Univ 1946-50, Entomologist Civil Supplies Deptt (Hyderabad Govt) 1950-52, Asst Plant Pathologist Agri Deptt (Hyderabad Govt) 1952-56, Asst Director Agri, Nanded & Secy Cotton Contribution Fund (Maharashtra Govt) 1956-57, Lecturer Mycology Coll of Agri, Akola 1957-58, Prof Entomology Coll of Agri, Nagpur 1958-60; *Mem* Plant

Disease Committees of Indian Central Cotton Committee, Indian Central Oil Seed Committee, Board of Faculty of Agri (Poona Univ), American Phytopathological Socy, Indian Science Congress, Zoological Socy of India, Indian Phytopathology, International Bulletin of Plant Protection and Rotary Organization of Poona; *Pub* 32 resch papers on Plant Pathology & Entomology published in journals of repute & one book on 'Plant Pathology' (Urdu), resch bulletins of Agri Deptt, tech reports of ICAR; *Visited* Europe, Canada, USA, China, Japan, Saudi Arabia, Iraq, Iran and Sudan; *Knows* French and German; *Specln* Plant Pathology and Entomology; *Hobb* Sports; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' & 'Men of Education in India' (Premier Publishers India), National Register, Commonwealth Univ Year Book, Resch Workers 1959, Commonwealth Agricultural Bureau; *Add* Plant Pathologist, Maharashtra State Agriculture College, Poona 5.

MOHAPATRA, KASHI NATH; Prof & Head Animal Husbandry Deptt Orissa Vety Coll, Bhubaneshwar since 1957; *b* 4 Apr 1909, Biranarsinghpur, Distt Puri; *Edn* GBVC Bengal Vety Coll 1930, Advanced Course in Animal Husbandry and Post-Grad Course Indian Vety Resch Inst, Izatnagar (U.P) 1948; *Exp* Vety Asst Surgeon and Vety Inspector & Farm Manager State Civil Vety Deptt 1930-40 & 1949-52, Instructor Animal Husbandry Extension Trg Centre 1952-54, Distt Animal Husbandry State Agri Civil Vety Deptt 1954-56, Lecturer Vety & Animal Husbandry State Agrl Coll (Orissa) 1956-57; *Mem* Indian Science Congress Assn, Orissa Vety Assn, Board of the Scientific & Industrial Resch of the State, Faculty of Vety Science & Academic Council Orissa Univ of Agri & Techy, Bhubaneshwar; *Pub* Papers on 'Study on the Growth of Kids Under Indoor & Outdoor Method of Rearing' (both under publication), popular articles in local dailies and departmental annual reports; *Specln* Animal Husbandry; *Hobb* Animal Husbandry extension and resch works; *Add* Vill Birnarsinghpur, Distt Puri (Orissa).

MOHTEDA, SYED NURUL; Prof Parasitology Vety Coll, Nagpur since 1960; *b* 18 Sep 1910, Aurangabad; *Edn* GMVC and Post-Grad Madras Vety Coll 1934 and 1941; *Exp* Asst Vety Surgeon Incharge Lab (Ex-Hyderabad State) 1934-41, Asst Disease Investigation Officer (Poultry) Ex-Hyderabad and Bombay States 1941-60; *Pub* Four annual reports and 15 articles published in various vety journals; *Knows* Arabic and Persian; *Specln* Resch and Investigation of Poultry Diseases; *Av'ble* for employment abroad (notice—six months); *Listed* National Register (CSIR); *Add* Care Shri S .N Asad, III Year, Osmania Medical College, Hyderabad (A.P).

MOSI, AIYANADAR DHANAPALAN; Lecturer Agrl Chemistry Agrl Coll, Coimbatore since 1965; *b* 1 Jan 1936; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1956 and 1960; *Exp* Asst Lecturer Chemistry 1956-65; *Mem* Academy of Agrl Sciences Agrl Coll, Coimbatore and Madras Agrl Students' Union, Coimbatore; *Pub* Four resch papers published in reputed journals; *Specln* Agrl Chemistry & Soil Science; *Hobb* Reading newspapers and moving with friends; *Add* S/o Shri M.S.K.S Aiyanadar, Javali Kadai Street, Sivakasi, Distt Bamanathapuram (Madras State).

MUDHOLKAR, NIRMAL KUMAR JAY KUMAR; Resch Officer Agronomy Central Rice Resch Inst, Cuttack since Jun 1965; *b* 28 Aug 1933, Karanja, Distt Akola; *Edn* BSc (Agri) Nagpur Univ 1955, Assoc IARI 1957; *Exp* Soil Survey Asst I.A.R.I, New Delhi 1958-62, Resch Asst I.A.R.I, New Delhi 1962-63, Asst Soil Survey Officer, Sundarnagar (H.P) 1963-65; *Pub* One article and six soil survey reports; *Specln* Agronomy and Soil Survey; *Add* Care Shri J. P Mudholkar, Near Shengan Jain Mandir, At & Post Karanja, Distt Akola (Maharashtra).

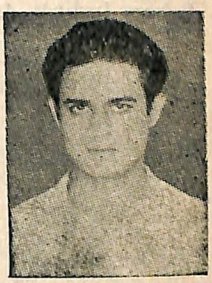
MUKERJI, (DR) KRISHNA GOPAL; Lecturer Botany Deptt Delhi Univ since Dec 1964; *b* 4 May 1934; *Edn* BSc, MSc, Cert in French and PhD Lucknow Univ 1953, 1955, 1960 and 1961; *Exp* R.T.S Holder Min of Scientific & Industrial Resch (Govt of India), Sr Resch Fellow (CSIR) & Temporary Lecturer Botany Deptt Lucknow Univ 1958-62, Lecturer Botany B.H Univ 1962-64; *Mem* International Assn of Agrl Librarians and Documentalists, International Socy of Plant Morphologists and Assn of Microbiologists of India; *Fellow* Indian Botanical Socy; *Pub* 21 resch papers published in Indian & foreign journals of repute, also five articles published in bulletins; *Knows* French; *Specln* Soil Microbiology, Mycology and Plant Pathology; *Hobb* Excursions, plant collection, paper writing, etc; *Av'ble* for employment abroad after 1967 (notice—six months); *Listed* National Register (CSIR); *Add* Department of Botany, Delhi University, Delhi 7.

MUKHERJEE, (DR) SHYAMAPADA; Prof & Head Sugar Chemistry Deptt National Sugar Inst, Kanpur since 1958; *b* Nov 1919, Ranchi; *Edn* MSc Patna Univ 1939, AIISc Indian Inst of Science, Bangalore 1942, PhD Cambridge Univ (UK) 1948; *Exp* Asst Director of Supplies, New Delhi 1948-49, Asst Prof Sugar Chemistry (Organic) National Sugar Inst, Kanpur 1949-57; *Fellow* Sugar Technologists Assn of India, Kanpur; *Pub* More than 70 scientific papers published in reputed journals; *Visited* UK, Germany, Switzerland, USA, Italy, Egypt, South Africa, Pourto Rico and France; *Knows* German; *Specln* Sugar Chemistry; *Hobb* Photography and sight-seeing; *Listed* 'Scientists of India' (Who's Who); *Add* National Sugar Institute, Kanpur (U.P).

MUKHERJEE, (DR) S. K; Head Horticulture Div Indian Agrl Resch Inst,

New Delhi; *b* 22 Feb 1914; *Edn* MSc (Botany) and DSc (Botany) Calcutta Univ 1937 and 1951; *Exp* Horticulturist (W.B Govt) 1953-56, Rockfeller Foundation Fellow 1956-57, Jt Director Agri (W B) 1957-61; *Mem* Indian Horticultural Socy, Indian Socy of Genetics & Plant Breeding and Delhi Agri-Horticultural Socy; *Pub* More than 70 papers published in journals of repute; *Visited* Japan, USA, UK, France, Holland, Germany, Switzerland and USSR; *Specln* Horticulture and Botany; *Add* 157/3 Bakulpagan Road, Calcutta 25 (W.B).

MUKHERJEE, SUNIL KUMAR; Dy Agrl Commissioner (Edn) Indian Council of Agrl Resch, New Delhi since 1962; *b* 12 Apr 1920, Ariadah (W.B); *Edn* BSc (Agri) Agra Univ 1942, Post-Grad Trg IARI, New Delhi 1944, Dip Agri New Zealand Univ 1947, MS (Agronomy) Iowa State Univ (USA) 1949; *Exp* Distt Agrl Officer, Bhagalpur 1944-46, Asst Director of Agri, Patna 1949-50, Prof Agri & Vice-Principal Bihar Agri Coll and Ranchi Agri Coll 1950-54 & 1955-59, Sugarcane Agronomist Sugarcane Resch Inst, Pusa 1954-55, Principal & Regional Director Ranchi & Tirhut Agri Colls 1959-62; *Mem* Indian Soil Conservation Socy, Indian Agri Extension Edn Socy and Bihar Academy of Agrl Sciences; *Founder Mem* Indian Socy of Agronomy, New Delhi; *Pub* 'Textbook on Agriculture' (in Hindi), 12 tech papers and 25 popular articles published in various journals of international fame, a report published as Secy Bihar Committee on Agrl Edn; *Visited* Australia, New Zealand, USA, UK, France and Switzerland; *Knows* German; *Specln* Agronomy (Astrology); *Hobb* Tennis, cricket and photography; *Av'ble* for employment abroad (notice—three months); *Add* 14 Boring Road, Patna (Bihar).



MUKHOPADHAYA, DEBI PRASAD; Jr Resch Fellow (CSIR) Royal Agri-Horticulture Socy of India, Calcutta; *b* 4 Nov 1938; *Edn* BSc (Agri) and MSc (Agri) Calcutta Univ 1960 and 1963; *Exp* Asst Horticulturist Royal Agri-Horticulture Socy and Lecturer Carey Inst of Horticulture, Calcutta 1963-64; *Mem* Agrl Socy, Calcutta; *Pub* One paper sent and two more ready for publication and various reports of work done submitted to CSIR; *Knows* German (a little); *Specln* Horticulture; *Hobb* Travelling, sports, acting and music; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri S. N Mukherjee, Vill Ismile, P.O Asansol, Distt Burdwan (W.B).

MUKHOPADHYAY, NILANGSHU; Resch Scholar Deptt of Plant Pathology Kalyani Univ; *b* 6 Mar 1940, Bhadra Kali; *Edn* BSc (Agri) and MSc (Agri) Kalyani Univ 1961 and 1964; *Exp* A.E.O, Kulpi I under the Director of Agri (W.B) 1961-62; *Pub* One scientific paper published in 'Science & Culture' and one more to be published; *Specln* Advanced Plant

Pathology; *Hobb* Gardening and music; *Av'ble* for employment abroad (notice—six months); *Add* 14 Harishide Lane, P.O Bhadra Kali, Distt Hooghly (W.B).

MUKHOPADHYAY, (DR) SISIR KUMAR; Lecturer & Extension Project Leader Faculty of Agri Kalyani Univ since 1961; *b* 3 Feb 1936, Nilphamari (E.Pak); *Edn* BSc (Agri) Calcutta Univ 1957, Assoc IARI & PhD (Agronomy) Indian Agrl Resch Inst, New Delhi 1959 & 1962, MS (Agrl Extension) Missouri Univ (USA) 1963; *Exp* Campaigning Officer Japanese Method of Rice Cultivation Scheme (Govt of W.B) Aug-Sep 1957; *Mem* Indian Socy of Agronomy (IARI) and Extension Journal Inc Univ of Wisconsin (USA); *Pub* Four resch papers on 'Weed Control' published in reputed journals and several other writings in newspapers; *Visited* (USA); *Knows* German; *Specln* Weed Control Resch (Agronomy) and Agri Extention Field Resch; *Hobb* Photography and games; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Arabinda Mukherjee, P.K Chatterjee Road, P.O Naihati, Distt 24 Parganas (W.B).

MURTI, (DR) NARASIMHA CHATTI CHITTI; Lecturer Zoology Andhra Univ since 1953; *b* 25 Oct 1931, Rajahmundry (A.P); *Edn* BSc (Hons), MSc and DSc Andhra Univ 1951, 1952 and 1959; *Exp* Demonstrator 1952-53; *Mem* Indian Science Congress Assn and Zoological Socy of India; *Fellow* Royal Socy of Tropical Medicine & Hygiene; *Pub* Ten papers published in reputed scientific journals; *Knows* German; *Visited* UK; *Specln* Protozoology and Parasitology; *Av'ble* for employment abroad (notice— six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 14-37-32 Krishnanagar, Visakhapatnam 2 (A.P).

N

NAGABHUSHANAM, (DR) RACHAKONDA; Reader Zoology Andhra Univ since 1962; *b* 1 Jul 1931, Visakhapatnam (A.P); *Edn* BSc (Hons), MSc & DSc Andhra Univ 1952, 1953 & 1957, PhD Tulane Univ (USA) 1962; *Exp* Sr Resch Scholar (CSIR) 1954-56, Lecturer 1956-59, Asst Prof Biology Xavier Univ (USA) 1961-62; *Mem* Marine Biological Assns of UK & India and Indian Science Congress; *Fellow* Zoological Socy of India and Academy of Zoology, Agra; *Pub* Three theses; *Visited* USA; *Knows* German; *Specln* Marine Biology and Animal Physiology; *Hobb* Travelling; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Reader, Zoology Department, Andhra University, Waltair (A.P).

NAGABHUSHANARAO, MALLAVARAPU VENKATA; Asst Animal Physiologist Indian Vety Resch Inst, Izatnagar since 1959; *b* 15 Jan 1929, Anakapalli (A.P); *Edn* BA Andhra Univ 1950, BVSc Osmania Univ 1954, Assoc IVRI, Izatnagar 1964; *Exp* Resch Asst and Sr ICAR Resch Fellow Indian Vety Resch Inst, Izatnagar 1955-56 and 1956-59; *Mem* Assn of Scientific Workers of India; *Pub* Nine scientific papers in journals of repute and various articles in Coll magazines; *Specln* Energy Metabolism Studies (Animal Physiology); *Hobb* Short writing, reading of literary works and gardening; *Add* Care Shri M. V Kameswara Rao, Main Road, Anakapalli, Distt Visakhapatnam (A.P).

NAGAMIA, MOHIUDDIN HUSAINUDDIN; Prof Anatomy Bombay Vety Coll, Bombay since 1960; *b* 1 Jun 1913, Broach (Gujarat); *Edn* Dip GBVC Bombay State 1935, MS Kansas State Univ (USA) 1961; *Exp* Vety Officer (Gujarat State) 1935-46, Lecturer and Asst Prof Surgery Bombay Vety Coll 1947-49 and 1949-60 (Recipient of President of India's Silver Census Medal in 1951); *Mem* Indian Vety Assn, Vety Med Assn (Maharashtra) and Biological Socy, Bombay; *Pub* 12 scientific papers published in journals of repute and various tech reports, Ex-editor Bombay Vety Coll Magazine; *Visited* USA, England, France, W.Germany and Switzerland; *Knows* Persian; *Specln* Vety Surgery; *Hobb* Singing (Vocal); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Nagamia Dehla, Lalbhai Pat, Broach (Gujarat).

NAGPAL, RAJ KUMAR; Bacteriological Asst in Quality Control Lab Delhi Milk Scheme, New Delhi since May 1964; *b* 15 Oct 1942, Distt Sargodha (W.Pak); *Edn* BSc (Agri) and MSc(Agri) (AH & Dairying) Agra Univ 1962 and 1964; *Exp* One month practical trg at Amul Dairy, Anand; *Mem*

Indian Dairy Science Assn, Bangalore; *Pub* A book on 'Animal Husbandry' for BSc (Agri) students; *Specln* Thesis on 'Bacteriology of Milk'; *Hobb* Playing badminton and kabaddi; *Av'ble* for employment abroad (notice—six months); *Add* Care M/s Mehar Chand Jawala Dass, Cloth Merchant, Baraut, Distt Meerut (U.P).

NAHA, (DR) PRITINDRA MOHAN; Resch Asso Biology Deptt Univ of Rochester (USA) since 1963; *b* 28 Jan 1931, Comilla; *Edn* BSc (Hons), MSc and DPhil Calcutta Univ 1951, 1956 and 1961; *Exp* Field Officer Central Rice Resch Inst, Cuttack 1961 62, Post-Doctorate Fellow National Resch Council, Ottawa (Canada) 1962-63; *Mem* American Socy of Microbiology; *Pub* Fifteen resch papers in reputed journals; *Knows* French and Italian; *Visited* Canada; *Specln* Microbiology—Microbial Genetics; *Hobb* Reading and writing; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 8/1 A, Kankulia Road, Calcutta 19 (W.B).

NAHVI, MOHAMMED HUSAIN; 2/Lt (NCC) and Lecturer Zoology S.P Coll, Srinagar (J & K) since 1964; *b* 2 Oct 1933, Srinagar; *Edn* BSc J & K Univ 1952, MSc Aligarh Univ 1960; *Exp* Poultry Development Officer (Kashmir Province), Srinagar 1953-60, Asst Manager (Poultry) Central Cattle Breeding & Resch Farm (Kashmir) Jun-Oct 1960, Demonstrator Biology Govt Agri Coll, Sepore (Kashmir) 1960-62, Lecturer Zoology Govt Degree Coll, Poonch (J & K) 1962-64; *Specln* Poultry and Fisheries; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 13 Shamaswari, Srinagar 2 (Kashmir).

NAIR, (MRS) A. LEKSHMY; Asst Resch Officer Central Inst of Fisheries Techy, Ernakulam; *b* 1 Nov 1932, Ernakulam; *Edn* BSc (Hons) Travancore Univ 1952, MSc Kerala Univ 1958; *Exp* Lecturer Jul-Nov 1959, Resch Asst & Asst Resch Officer Central Inst of Fisheries Techy, Ernakulam 1959 onwards; *Mem* Socy of Biological Chemists (India); *Pub* 14 papers (in collaboration) published in journals of repute; *Specln* Chemistry of Natural Plant Products and Microbiology of Fishery Products; *Hobb* Embroidery and badminton; *Add* Gokulam, Ravipuram Road, Ernakulam 6 (Kerala).

NAINIE, (DR) (MISS) MARGARETE; Head MSc (Rural Community-Extension) Home Science Deptt Lady Irwin Coll, New Delhi; *b* 1 Jan 1930, Secunderabad; *Edn* BSc Nagpur Univ 1955, MS Syracuse Univ (USA) 1957, PhD Cornell Univ (USA) 1961; *Exp* Special Officer Coll of Home Science, Hyderabad 1960-61, Exec Officer Indian Council of Child Welfare, Delhi 1961-62, Home Economics Specialist Indian Agrl Resch Inst,

New Delhi 1962-64; *Mem* Indian Psychological Assn, Univ Women's Assn, Home Science Assn, Indian Council of Child Welfare and Various Honors Socys of America; *Pub* Articles in books, 'Symposium on Child Developments' and various others; *Visited* USA and England; *Knows* French; *Hobb* Indian dancing; *Av'ble* for employment abroad; *Add* Care Shri S. Nainie, 13 Jail Road, Bhoiguda, Secunderabad (A.P).

NAIR, C. P GOPINATHAN; Sr Inspector Regional Office Directorate of Marketing & Inspection (Agri Deptt), Madras; *b* Koduvazhnoor (Kerala); *Edn* BSc (Agri) Kerala Univ 1962; *Mem* Indian Socy of Agrl Economics, Bombay; *Specln* Agrl Marketing; *Hobb* Photography; *Av'ble* for employment abroad (notice—two months); *Add* Kumkumasseri House, Koduvazhanoor, P.O Kilimanoor, Distt Trivandrum (Kerala).

NAIR, KUNJU KRISHNA PILLAI SULOCHANAN; *b* 15 Jan 1940, Parassala (Kerala); *Edn* BA and MA Kerala Univ 1962 and 1964; *Exp* Undergone three months trg as Jr Exec in F.A.C.T; *Hobb* Touring; *Av'ble* for employment abroad (notice—one month); *Add* Padavilakathu Bungalow, Muriankara, P.O Parassala, Distt Trivandrum (Kerala).

NAIR, MADHAVAN PILLAI RAJENDRANATHAN; Resch Officer Central Inst of Fisheries Techy, Ernakulam since 1962; *b* 11 Jan 1931, Trivandrum; *Edn* BSc and MSc Kerala Univ 1950 and 1952; *Exp* Lecturer S.N Coll, Quilon 1952-53, Chemical Asst CRCL, New Delhi 1953-54, Resch Asst Central Marine Fisheries Resch Stn, Mandapam Camp 1954-58, Asst Resch Officer Central Inst of Fisheries Techy, Ernakulam 1958-62; *Mem* Socy of Fisheries Technologists (India), Cochin and Socy of Biological Chemists (India), Bangalore; *Pub* 18 resch papers published in reputed journals; *Visited* Ceylon; *Specln* Biochemical Resch in Fish Processing Techy and Fish Preservation; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Melathil House, T.C 187, Oorumadum Road, Kunnkuzhy, Trivandrum 1 (Kerala).

NAIR, (DR) P. GOPINATHAN; Dairy Husbandry Officer National Dairy Resch Inst, Karnal since 1965; *b* 8 Jul 1926, Quilon (Kerala); *Edn* BSc & BVSc Madras Univ 1945 & 1951, MSc and PhD Ohio State Univ (USA) 1953 and 1956; *Exp* Vety Asst Surgeon (Madras State) 1951-52, Resch Asst Ohio State Univ 1952-56, Instructor Michigan State Univ Jul-Oct 1956, Asst Resch Officer Indian Vety Resch Inst, Izatnagar 1957-61, Asso Prof Dairy Husbandry National Dairy Resch Inst 1961-65; *Mem* American Socy of Animal Production, International Panel of Animal Blood Group Resch (FAO), European Socy of Animal Blood Group Resch and Indian Science Congress Assn; *Pub* Ten resch papers in reputed journals; *Visited* UK, USA and W.Europe; *Knows* German and French; *Specln* Immunogenetics, Animal Genetics and Dairy Husbandry; *Hobb* Tennis, chess and amateur dramatics; *Av'ble* for employment abroad; *Listed*

'Men of Sciences & Technology in India' *Add* Associate Professor of Dairy Husbandry, National Dairy Research Institute, Karnal (Punjab).

NAIR, P. N RAVINDRAN; Resch Scholar Botany Deptt Kerala Univ since 1965; *Edn* BSc and MSc (Agri) Kerala Univ 1961 and 1964; *Pub* Thesis on 'The Effect of X-Rays on PEA'; *Specln* Cytogenetics and Plant Breeding (Agrl Botany); *Hobb* Reading general books (especially on Psychology and Philosophy); *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Panthapilavil House, Thuvayoor North, P.O Mankkala, Addor, Distt Quilon (Kerala).

NAIR, P. V RAMACHANDRAN; Asst Resch Officer Central Marine Fisheries Resch Inst, Mandapam Camp since 1956; *b* 29 Jul 1926, Perambavoor (Kerala); *Edn* BSc Travancore Univ 1946, MSc (Resch) Kerala Univ 1956; *Exp* Demonstrator Botany N.S.S Colls (Kerala) 1950-52, Teacher Biology Union Coll, Tellippalai (Ceylon) 1952-56; *Mem* Marine Biological Assn of India; *Pub* Ten papers published in journals of repute; *Visited* Ceylon, Denmark, Sweden and France; *Specln* Phytoplankton & Primary Production; *Hobb* Photography and reading; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Puthenpurakkal House, Perambavoor, Distt Trichur (Kerala).

NAMBIAR, ADUKKADUKKAN KUNHI KRISHNAN; Supdt Kerala State Warehousing Corpn, Nileshwar; *b* 10 Jan 1939, Periye (Kerala); *Edn* BSc (Agri) Madras Univ 1959; *Mem* Foodgrain Technologists Assn, Hapur; *Specln* Warehousing and Grading of Agrl Commodities; *Hobb* Reading; *Av'ble* for employment abroad (notice - three months); *Add* Payathichal, P.O Periye, Via Kanhangad, Distt Cannanore (Kerala).

NAMBOODIRY, KADAMBARAN; Prof & Head Botany Deptt N.S.S Coll, Perunna (Kerala) since 1964; *b* 6 Jan 1927, Changanacherry Taluk; *Edn* BSc Travancore Univ 1952, MSc Karnatak Univ 1956; *Exp* S S Coll 1956-57, N.S.S Coll, Pandalam 1957-58, N.S.S Hindu Coll, Changanachery 1958-64; *Mem* Indo-American Socy and Marine Biological Socy; *Pub* Textbooks in Botany; *Specln* Angiosperm Toxonomy; *Hobb* Drawing; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Edamana Perunna, Post Changanacherry Taluk, Distt Kottayam (Kerala).

NAMBUDRIPAD, (DR) VENMANI KUNHUNNY NARAYANAN; Resch Officer (Bacteriology) National Dairy Resch Inst, Karnal since 1961; *b* 29 Apr 1921; *Edn* BSc Madras Univ 1943, MSc and PhD Bombay Univ 1950 and 1956; *Exp* Tech Asst & Asst Resch Officer 1944-57 & 1958, Dairy Bacteriologist Bombay Milk Scheme 1958-61; *Life Mem* Indian Dairy Science Assn, Bangalore and Socy of Biological Chemists (India),

Bangalore; *Pub* More than 25 resch papers published in journals of repute, one resch review and several resch reports; *Knows* German; *Specln* General and Dairy Bacteriology; *Hobb* Statistics; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Venmanimana, P.O Srimoolanagaram, Distt Ernakulam (Kerala).

NANDANWANKAR, KHANDERAO GOVINDRAO; Asst Lecturer Botany Coll of Agri, Parbhani since 1964; *b* 8 Oct 1938, Kandhar; *Edn* BSc (Agri) Marathwada Univ 1962, MSc (Agri) Nagpur Univ 1964; *Pub* One paper and one tech report; *Specln* Cytology, Genetics and Plant Breeding; *Hobb* Manuscripts and stamp collection; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri V. G Nandanwankar, Advocate, Chikhalwadi Vazirabad, Nanded (Maharashtra).

NARAIN, (DR) AVDHESH; Asso Prof Mycology & Plant Pathology Orissa Univ of Agri & Techy, Bhubaneshwar since 1964; *b* 24 Feb 1934; *Edn* BSc & MSc (Botany) Lucknow Univ 1953 & 1955, PhD Univ of Florida (USA) 1962; *Exp* Resch Asst Botany Lucknow Univ 1956-58, Post-Doctoral Fellow (Pathology) Univ of Florida (USA) 1962-63, Pool Officer Indian Agrl Resch Inst, New Delhi Mar-Sep 1964; *Mem* American Phytopathological Socy, Indian Phytopathological Socy and Indian Science Congress Assn; *Pub* Three papers published in journals of repute; *Visited* USA, England, France, Germany, Switzerland, Italy, Ceylon and Egypt; *Knows* French and German; *Specln* Plant Pathology (Host-Parasite Interactions); *Hobb* Tennis, table-tennis and singing; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 'Har Niwas', Sarojini Naidu Marg, Lucknow (U.P).

NARALASETHI, VENKATA KRISHNAIAH; Agrl Asst, Guntur; *b* 1 Jul 1965, Bapatla; *Edn* BSc (Agri) Andhra Univ 1964; *Hobb* Plays like badminton, volleyball, football, etc; *Av'ble* for employment abroad (immediately); *Add* S/o N. Seshaiah, Naralasethi Palem, Post Bapatla, Distt Guntur (A.P).

NARANG, M. M; Asst Soil Conservation Officer (H.P), Simla since Sep 1961; *b* 29 Jun 1933, Hissar; *Edn* BSc (Agri) Panjab Univ 1953, MSc (Agri) (Stood first in Agronomy Div) Punjab Agrl Univ 1965; *Exp* Asst Biochemist, Sirmur (H.P) 1954-55, Agrl Inspector I/c Seed Multiplication Farm and Fruit Nursery Bubi Farm, Distt Sirmur 1955-59, Agrl Inspector (Soil Conservation), Bilaspur 1959-61; *Ex-mem* Socy of Soil Science Punjab Agrl Coll, Ludhiana; *Specln* Effect of Phosphate on Legumes and Non-legumes Fodder to Succeeding Maize Crop with Introgenous Levels and Residual Effect on Wheat Crop, Agronomy and Soil Conservation; *Hobb* Collection of different tech journals; *Av'ble* for employment abroad

(notice—three months); *Add* 940 A Krishan Nagar, Civil Lines, Ludhiana (Punjab).

NARANJAN SINGH; Marketing Officer Directorate of Marketing & Inspection, Nagpur since 1962; *b* Chak No. 4, Bhagwanpura (W.Pak); *Edn* BSc (Agri) East Punjab Univ 1948, MSc (Agri) Panjab Univ 1959, doing PhD (Agri) Nagpur Univ since 1962; *Exp* Inspector East Punjab Govt Mar-May 1949, Agri & Cotton Development Inspector (U.P Govt) 1949-52, Naib Tehsildar (U.P Govt) 1952-53, Farm Asst Central Mechanised Farm (Central Govt) 1953-54, Deputy Marketing Development Officer Directorate of Marketing & Inspection 1954-62; *Mem* Indian Socy of Agrl Economics; *Ex-mem* International Wool Socy; *Pub* Several papers published in reputed journals; *Knows* Persian; *Specln* Marketing & International Trade in Agri and Animal Husbandry Products; *Hobb* Study, resch and outdoor games; *Av'ble* for employment abroad (notice—six months); *Add* Vill & P.O Dihana, Distt Hoshiarpur (Punjab).

NARASIMHAN, RAMASWAMY; Dy Marketing Development Officer Spices Export Promotion Council, Virudhunagar since Oct 1963; *b* 30 Jun 1930, Allagadda; *Edn* BSc (Agri) and Dip Horticulture Madras Univ 1952 and 1957; *Exp* Asst Marketing Officer, Hyderabad 1962-63, Asst Marketing Officer, Guntur Mar-Sep 1963; *Specln* Horticulture; *Hobb* Reading of books; *Listed* National Register (CSIR); *Add* Care Shri R. Natarajan, Assistant Engineer, The Chemicals Ltd, Mettur Dam R.S, Distt Salem (Madras State).

NARASINGARAO, M. B. V; Retired Genetical Asst Botany Deptt Andhra Univ; *b* 29 Aug 1900, Distt Ganjam (Orissa); *Edn* BA & BSc (Agri) Madras Univ 1921 & 1924, Assoc IARI Indian Agrl Resch Inst 1931; *Exp* Asst Paddy Specialist & Paddy Specialist Agri Deptt (Madras & A.P) 1941-47 & 1947-54, Principal Agrl Coll, Bapatla 1955-56, Genetical Asst Andhra Univ 1958 till retirement 1963; *Pub* Books on 'Rice Genetics & Breeding' & two more and about 40 resch papers in journals of repute; *Visited* Japan and Thailand; *Specln* Genetics & Plant Breeding as applied to Rice Development and Economic Botany; *Hobb* Gardening and music; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 3/5 Siripuram, Andhra University, Waltair (A.P).

NARAYAN, (DR) KADUR NARASIMHAPPA; Prof & Head Botany Deptt Mansa Gongotri, Mysore since 1955; *b* 18 Aug 1913, Distt Bangalore; *Edn* BSc (Hons) & MSc Mysore Univ 1936 & 1948, PhD California Univ (USA) 1951; *Exp* Lecturer and Asst Prof Botany 1942-52 and 1952-55; *Mem* Royal Muroscopic Socy (England), Linnean Socy, London and Botanical Socy of India; *Visited* USA, England, Ireland, Sweden, Denmark, Germany, Italy, France and Japan; *Knows* German and French; *Specln*

Cytogenetics and Embryology of Grasses in particular; *Hobb* Photography and travelling; *Listed* 'Men of Sciences and Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Dr. K. N Narayan, Professor & Head Botany Department, Mansa Gangotri, Mysore 2.

NARAYANASAMY, (DR) PERUMAL NAIDU; Asst Lecturer Mycology Agrl Coll & Resch Inst, Coimbatore; *b* 17 Apr 1937, Madurai; *Edn* BSc (Agri), MSc (Agri) and PhD Madras Univ 1958, 1960 and 1964; *Mem* Madras Agrl Students' Union; *Pub* Ten scientific papers published in leading journals; *Specln* Plant Pathology—Virology; *Av'ble* for employment abroad (notice—three months); *Add* 11 Mothilal 2nd Street, Madurai 10 (Madras State).

NARAYEN, RABINDRA; Touring Vety Asst Surgeon State Vety Dispensary, Senha, Ranchi (Bihar); *b* 3 Nov 1939, Bhagalpur; *Edn* BVSc & AH Magadh Univ 1963; *Mem* All India Vety Assn and Bihar Vety Assn; *Hobb* Horse riding, cycling and hitch-hiking; *Av'ble* for employment abroad (notice—four months); *Add* Ishaque Check, Bhagalpur (Bihar).

NARIANI, TULSIDAS KHIMANDAS; Virus Pathologist Mycology Div Indian Agrl Resch Inst, New Delhi; *b* 14 Jul 1921, Karachi (W.Pak); *Edn* BSc (Agri) (Hons) Bombay Univ 1943, Assoc IARI Indian Agrl Resch Inst, New Delhi 1947; *Exp* Resch Asst, Asst Virus Pathologist & Asst Prof Plant Pathology Indian Agrl Resch Inst, New Delhi 1948-55, 1955-58 and 1958-62; *Mem* Pusa Agrl Resch Socy; *Mem & Fellow* Indian Phytopathological Socy; *Pub* 42 resch papers published in journals of repute; *Visited* UK and Holland; *Knows* German; *Specln* Mycology and Plant Pathology (including Bacteriology and Virus Diseases of Plants); *Add* 47 Sindhuwadi, Mahatma Gandhi Road, Ghatkopar, Bombay 77 (Maharashtra).

NASARE, WALMIK LAXMANRAO; Agrl Officer & Entomologist Agri Deptt, Poona since Dec 1963; *b* 20 Feb 1936, Masala, Distt Wardha; *Edn* BSc (Agri) and MSc (Agri) Nagpur Univ 1961 and 1963; *Exp* Agrl Supervisor I/c Plant Protection Scheme, Amravati Jun-Dec 1963; *Mem* Entomological Socy of India, New Delhi; *Specln* Agrl Entomology; *Hobb* Drawing, music, reading and a variety of Indian games; *Av'ble* for employment abroad (notice—two months); *Add* Care Shri C. L Nasare, Rastrabhasha Prachar Samiti, Wardha (Maharashtra).

NASHIKKAR, GANESH MUKUND; Lecturer Animal Husbandry Nagpur Vety Coll, Nagpur since 1961; *b* 25 Nov 1929, Amravati; *Edn* BVSc Saugar Univ 1953, NDAH Indian Vety Resch Inst, Izatnagar 1965; *Exp* Vety Extension Officer and A.H & Vety Officer 1953-59, Block Development

Officer (class II) 1959-61, Sr Lecturer I/c Stockman Trg Centre, Amravati Feb-Jul 1961 (2/Lt Commissioned Officer NCC); *Mem* Bombay Vety Med Assn and Univ Teachers Club Union; *Pub* An article 'Domestication *vs* Civilization', about 20 poems in Marathi, Hindi & English and compiled annual departmental reports; *Specln* Animal Husbandry; *Hobb* Teaching, outdoor games, music and extra-curricular & cultural activities; *Av'ble* for employment abroad (notice—six months); *Listed* National Register (CSIR); *Add* Nashikkar's Bungalow, Mudholkar Peth, Amravati (Maharashtra).

NATARAJAN, COIMBATORE PANCHANADA; Scientist Central Food Technological Resch Inst, Mysore since 1963; *b* 8 Sep 1921, Coimbatore; *Edn* BSc Madras Univ 1941, MSc Andhra Univ 1943, MS Univ of California (USA) 1947; *Exp* Chemist I/c F.P.O Lab & Inspector Vegetable Products (Min of Food & Agri) 1948-49 & 1949-50, Jr Scientific Officer and Sr Scientific Officer Central Food Technological Resch Inst 1950-56 and 1956-63; *Asso* Royal Inst of Chemistry; *Mem* Indian Chemical Socy and Assn of Food Technologists; *Pub* 80 papers published in Indian and foreign journals of repute; *Visited* USA and UK; *Knows* French and German; *Specln* Food Techy—Spices & Beverages; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* House No. 4 Yadavgiri, Mysore 2.

NATH, (DR) ONKAR; Prof Zoology K.N Govt Coll, Varanasi since 1955; *b* 15 Jul 1927, Allahabad; *Edn* BSc, MSc, & DPhil Allahabad Univ 1946, 1948 & 1953; *Exp* Lecturer CrosthwaiteG irls Coll, Allahabad 1948-49, Resch Asst Allahabad Univ 1949-50, Lecturer C.M.P Degree Coll, Allahabad 1950-54; *Mem* National Academy of Sciences (India) and Zoological Socy of India; *Pub* Several papers and articles published in journals of repute; *Knows* German, French and Russian; *Specln* Zoology and Helminthology; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 516 Uma Niwas, Katra, Allahabad (U.P).

NATH, (DR) PREM; Reader & Head Horticulture Deptt Udaipur Univ since 1964 and Asst Editor Indian J. Horticulture since 1964; *b* 12 Nov 1937; *Edn* BSc (Agri) Bihar Univ 1958, MS (Horticulture) and PhD (Olericulture) Kansas State Univ (USA) 1960 and 1962; *Exp* Tech Asst Bihar Agrl Deptt 1958-59, Resch Asst Kansas State Univ (USA) 1959-62, Scientist Pool Officer (CSIR) IARI, New Delhi 1962-63, Asst Prof Horticulture Post-Grad Schl Indian Agrl Resch Inst, New Delhi 1963-64; *Mem* American Socy for Horticulture Science (USA), Indian Socy for Genetics & Plant Breeding & Horticulture Socy of India; *Fellow* Royal Horticulture Socy, London; *Pub* Twelve resch papers published in

scientific journals of repute and six articles; *Visited* USA, Italy, London, France, Switzerland and Labanon; *Knows* French; *Specln* Vegetable Crops Breeding for Insect Resistance and Other Qualities; *Hobb* Coloured movie photography; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India): *Add* Bungalow No. 13, Lal Kothi, Dinapore Cantt (Bihar).

NAWATHE, DINKER RAMCHANDRA; Asst Prof Bacteriology Vety Coll, Nagpur since 1965; *b* 6 Dec 1928, Burhanpur (M.P); *Edn* BVSc (first class) Saugar Univ 1952, MVSc (first class) Bombay Univ 1962, Dip Microbiology (first class), Lyon (France) 1964; *Exp* Extension Officer Animal Husbandry & Block Development Officer 1952-62, Lecturer Vety Coll, Nagpur 1962-65; *Pub* Resch papers on 'House Sickness'; *Visited* France; *Knows* French; *Specln* Vety Virology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* 20 Normal School Quarters, Sitabuldi, Nagpur (Maharashtra).

NAYAR, (DR) NARAYANAN MADHAVAN; Cytogeneticist Central Potato Resch Inst, Simla since 1963; *b* 6 May 1933, Thakazhi (Kerala); *Edn* BSc (Agri) (Hons) Delhi Univ 1953, Assoc IARI Indian Agrl Resch Inst, New Delhi 1958, PhD Louisiana State Univ (USA) 1962; *Exp* Extension Officer Community Project, Chalakudy 1953-54, Asst Botanist Central Farm, Manuthi 1954-56, Resch Asst Rice Resch Stn, Moncompu 1958-59, Advanced Study in USA 1959-62, Supdt Agrl Resch Stn, Kozha Jan-Jun 1963; *Mem* Indian Socy of Genetics & Plant Breeding, Genetics Socy of America, Indian Science Congress Assn and Indian Botanical Socy; *Pub* Twelve papers published in scientific journals of repute; *Visited* USA and UK; *Knows* German; *Specln* Plant Genetics; *Hobb* Reading, travelling and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Areepurathu House, Thakzhi, Ambalapuzha, Distt Alleppey (Kerala).

NAYUDU, (DR) MALEPATI VENKATARAMA; Reader Botany Deptt S.V Univ Coll, Tirupati; *b* 31 Jan 1934, Buruzula (A.P); *Edn* BSc, MA & MSc Madras Univ 1953, 1955 & 1956, PhD Wisconsin Univ (USA) 1959; *Exp* Lecturer Botany 1960; *Mem* American Phytopathological Socy, Indian Botanical Socy and Assn of Microbiologists of India; *Pub* 12 resch papers published in journals of repute; *Visited* USA, Hungary, UK, Sweden, Germany, Holland and Switzerland; *Knows* German and French; *Specln* Physiology of Disease Development in Plants and Bacteria; *Hobb* Gardening, philately and numismatics; *Av'ble* for employment abroad for short period (notice—six months); *Add* Reader in Botany, S.V University College, Tirupati, Distt Chittoor (A.P).

NEMA, KRISHNA GOPAL; Prof Plant Pathology Jawaharlal Nehru Krishic

Vishwa Vidyalaya Agrl Coll, Jabalpur; *b* 11 Nov 1922, Saugar; *Edn* BSc (Agri) Nagpur Univ 1944, Assoc IARI Indian Agrl Resch Inst, New Delhi 1950; *Exp* Asst Mycologist Agrl Resch Inst, Nagpur 1944-55, Lecturer Agrl Coll, Jabalpur 1955-63; *Life, Mem-Fellow & Ex-councillor* Indian Phytopathological Socy, New Delhi; *Ex-secy* Jabalpur Univ Academic Socy of Agrl Science; *Pub* Twenty three papers published in journals of repute; *Specln* Disease of Crops; *Hobb* Reading; *Av'ble* for employment abroad; *Add* Professor of Plant Pathology, Jawaharlal Nehru Krishic Vishwa Vidyalaya, Agriculture College, Jabalpur (M.P).

NEELAKANTAN, L; *b* 18 Nov 1904, Cuddalore (Madras); *Edn* BA (Hons) and MA (Botany) 1928 and 1930; *Exp* Demonstrator Botany Presidency Coll, Madras & Asst Agrl Coll of Resch Inst, Coimbatore 1930-47, Asstt Crop Specialist in various Agrl Farms of Madras State 1947-57, Cotton Specialist (Madras State) 1957-59, Deputy Director (Seeds) Deptt of Agri (Min of Food & Agri), New Delhi 1960-64; *Ex-mem* More than seven Cotton and Seed Committees; *Convener* Working Group on Improved Seed—Fourth & Fifth Plan Proposals; *Pub* 85 resch papers on cotton', 'Chillie', etc published in journals of repute during the last decade; *Specln* Breeding & Agronomy in Cotton, Chillies, Oil Seeds, Vegetables, etc; *Hobb* Drawing, music, games and story writings; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* C-26, 'C' Colony, P.O Sai Baba Mission, Coimbatore 11 (Madras State).

NENE, (DR) YESHWANT LAXMAN; Asst Prof Plant Pathology U.P Agrl Univ, Pantnagar since 1961; *b* 24 Nov 1936; *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1955 & 1957, PhD (Plant Pathology) Illinois Univ 1960; *Exp* Asst Prof Agronomy U.P Agri Univ 1960-61; *Mem* Indian Phytopathological Socy and American Phytopathological Socy; *Pub* 16 resch papers published in reputed journals; *Visited* USA; *Specln* Phytovirology and Fungicides; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* Care Sri L. G Nene, Ivarah Mihir Marg, Free Ganj, Ujjain (M.P).

NIGAM, P. N; Resch Asst (Grade I) Forest Resch Inst, Dehra Dun since 1955; *b* 13 Jul 1932, Hamirpur; *Edn* BSc and MSc (Botany) Lucknow Univ 1949 and 1951; *Exp* Govt of India Resch Scholar 1953-55, Resch Asst (Grade I) Wood Anatomy Branch and Resch Officer Wood Preservation Branch Forest Resch Inst, Dehra Dun 1955-62 and 1962-64; *Pub* Three papers published in journals of repute; *Specln* Wood Anatomy; *Hobb* Resch work; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Ganga Bhawan, Yahiaganj, Lucknow (U.P).

NIGAM, HARISH CHANDRA; Prof Zoology Christian Coll, Lucknow; *b* 24 Feb 1932, Meerut (U.P); *Edn* BSc and MSc Lucknow Univ 1950 and 1952, Cert Summer Inst (Aligarh Univ); *Exp* Lecturer Zoology Christian Coll, Lucknow; *Fellow* Indian Academy of Zoology; *Pub* Three books on 'Animal Biology' (for inter classes), three books for High Schls and three for Univ classes, two papers published in journals of repute and several popular articles; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Department of Zoology, Lucknow Christian College, Lucknow (U.P).

NILAKANTAN, PALAMADAI RAMASWAMY; Prof Bacteriology Post-Grad Coll of Animal Science & Vety Resch Inst, Izatnagar since 1960; *b* 15 Dec 1920, Palamadai (Madras State); *Edn* GMVC, BVSc and MSc Madras Univ 1944, 1945 and 1954; *Exp* Resch Asst, Asst Resch Officer and Resch Officer Indian Vety Resch Inst, Mukteswar 1945-51, 1951-56 and 1956-59; *Mem* Indian Science Congress Assn and Assn of Microbiologists of India; *Pub* About 40 papers published in reputed journals, 20 more under preparation and four annual tech reports; *Specln* Bacteriology and Virology; *Hobb* Reading and games; *Av'ble* for employment abroad (if Govt permits); *Listed* 'Men of Sciences & Technology In India' (Premier Publishers India); *Add* Indian Veterinary Research Institute, Izatnagar, Distt Bareilly.

NIRMAL, HARIHAR BHAURAO; Lecturer Zoology Vidarbha Mahavidyalaya, Amravati; *b* 7 Jan 1934, Walgaon (Maharashtra); *Edn* BSc and MSc Nagpur Univ 1956 and 1960; *Pub* Four papers; *Specln* Animal Physiology; *Hobb* Reading scientific journals; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India'. *Add* Care Shri B.V Nirmal, Walgaon, Distt Amravati.

NIRULA, (DR) KANWAL KRISHAN; Head Entomology and Nematology Sections Central Potato Resch Inst, Simla since Nov 1962; *b* 5 May 1917, Jhang (W.Pak); *Edn* MSc (Hons) (Zoology) Panjab Univ 1939, Assoc IARI 1942, PhD Panjab Univ 1955, Dip Plant Nematology Rothamsted Expt Stn (UK) 1962; *Exp* Entomologist Central Coconut Resch Stn, Kayangulam 1950-57, Agrl Entomologist Central Potato Resch Inst 1957-62, Visiting Prof Panjab Univ, Chandigarh 1960 and 1962 (for short periods only); *Mem* European Socy of Nematology, Entomological Socy of America and Indian Phytopathological Socy; *Vice-Pres* Simla Assn for the Advancement of Agrl Sciences; *Pub* 71 resch papers on 'Insect and Nematode Pests of Agricultural Crops' in Indian & foreign scientific journals of repute; *Visited* UK, Belgium, Holland and Germany; *Specln* Root Knot Nematodes, Pests of Coconut Palm and Pests of Potato; *Hobb* Reading books on travels; *Av'ble* for employment abroad (notice—six months); *Add* Head of the Entomology & Nematology Sections, Central Potato Research Institute Simla (H.P).

O

OAK, WASUDEO SADASHIV; Farm Supervisor Aarey Milk Colony, Bombay; *b* 18 Nov 1938; *Edn* BSc (Agri) Poona Univ 1961; *Pub* Worked out Binomics of Tingid-bug on Coloeus at Coll of Agri under the able guidance of Entomologist (Maharashtra); *Hobb* Photography and outdoor games; *Av'ble* for employment abroad (notice—two months); *Add* 2 Post Roha, Kolaba (Maharashtra).

OGRA, JAWAHIR LAL; Asst Prof Animal Husbandry & Dairying Deptt B.R Coll, Agra; *b* 22 Jun 1935, Srinagar; *Edn* BSc (Agri) and MSc (Agri) (Animal Husbandry & Dairying) Agra Univ 1959 and 1961; *Mem* Indian Dairy Science Assn, Bangalore; *Pub* Resch papers on 'Survey of Bacteriological Quality of Milk in Agra City and its Suburbs' published in a reputed journal, two resch papers on 'Contribution of Different Ingredients to the Microbial Population of Ice Cream' and 'Role of Clean Equipment on the Bacteriological Quality of Milk' (under publication), also one popular article; *Specln* Dairy Microbiology and Rumen Microbiology; *Hobb* Painting and gardening; *Av'ble* for employment abroad (notice—three months); *Add* Chinkrall Mohalla, 2nd Bridge, Srinagar.

OJHA, SAMARENDRA NATH; Agrl Teacher Ramakrishna Mission Vidyapith, Purulia (W.B) since 1961; *b* 1 Aug 1932, Bawtia; *Edn* BSc (Agri) and MSc (Agri) (first class) Agra Univ 1955 and 1957; *Exp* Sr Lecturer Horticulture 1959-60, Resch Asst 1960-61; *Pub* A resch note in 'Allahabad Farmer'; *Specln* Horticulture; *Hobb* Reading; *Av'ble* for employment abroad (notice—three months); *Add* Vill & P.O Bawtia, Distt Birbhum.

OJHA, TRIBENI PRASAD; Lecturer Agrl Engg Indian Inst of Techy, Kharagpur since 1960; *b* 31 Jul 1933; *Edn* BSc (Agrl Engg) Allahabad Univ 1954, MTech Indian Inst of Techy, Kharagpur 1958; *Exp* Agri Extension Officer Cornell Project 1954-56, Asso Prof Agrl Engg 1958-60; *Mem* Indian Socy of Agrl Engrs and Soil Conservation Socy of India; *Pub* 'Textbook of Agricultural Engineering' (under preparation), five resch papers published in tech journals of repute, five popular articles and two tech reports; *Knows* German; *Specln* Farm Machinery and Power; *Hobb* Social work and book writing; *Listed* 'Men of Sciences & Technology in India'; *Add* Vill Rampur Semaraha, P.O Diha, Distt Allahabad (U.P).

P

PADMA KUMAR, P. D; Vety Asst Surgeon A.I Centre, Udipi (Mysore); *b* 22 Oct 1939, Punathil, Distt Palghat: *Edn* BVSc & AH Kerala Univ 1963; *Hobb* Letter writing, resch, teaching, animal treatment, Interested to go for higher studies under Govt Scholarship; *Av'ble* for employment abroad (notice—four months), would also like to serve the Central Govt; *Add* Kundhanimoola Estate, P.O Maniyankode, Via Kalpetta, Distt Calicut (Kerala).

PAL, (DR) ASOKE KUMAR; Prof Animal Physiology Post-Grad Coll Indian Vety Resch Inst, Izatnagar since 1958; *b* 2 Apr 1915, Chittagong; *Edn* BSc (Hons) (first class first) (Byrd Scholar Govt of W.B 1935-37), MSc & BL Calcutta Univ 1935, 1937 & 1939, Post-Grad Dip in Agrl Science (Animal Husbandry) (with merit certificates) and PhD Edinburgh Univ 1947 and 1948; *Exp* Resch Asst and Asst Resch Officer Indian Vety Resch Inst, Izatnagar 1941-50 and 1950-58; *Mem* Indian Science Congress Assn; *Pub* About 50 resch papers in reputed scientific journals; *Visited* Scotland, England, Ireland, France, Switzerland, Denmark, Holland, Norway and Sweden; *Specln* Animal Physiology and Animal Nutrition; *Hobb* Photography and sports (Got Cert of Honour in Football, Hockey and Gymnastics), Best Scout of Assam (Got silver medal in 1927); *Av'ble* for employment abroad (notice—two months) *Add* Care Shri M. B Datta, 65 Golf Club Road, Tollygunge, Calcutta 33 (W.B).

PAL, RADHANATH; Asst Resch Officer Central Inland Fisheries Resch Inst, Barrackpore; *b* 1 Sep 1932, Calcutta; *Edn* BSc (Hons) and MSc Calcutta Univ 1954 and 1956; *Exp* Resch Asst 1957-63; *Mem* Zoological Socy, Calcutta; *Pub* Two resch papers in Journal of Helminthology, an article (in collaboration) in Proceedings of the Symposium of Zoological Socy and also a report in Bulletin of C.I.F.R.I, Barrackpore; *Specln* Induced Breeding of Fishes and Parasitology of Fishes; *Hobb* Breeding of Aquarium Fishes; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* 100 Raja Divendra Street, Calcutta 6 (W.B).

PAL, SHIVA KUMAR; Resch Asst Regional Fruit Resch Stn, Mashobra,

Simla (H.P) since 1963; *b* 25 Feb 1941, Keshonpur (U.P); *Edn* BSc (Agri) & MSc (Agri) (Zoology) Allahabad Univ 1959 & 1962, Dip 'Extension Methods' Allahabad Agrl Inst 1959; *Exp* Lecturer Zoology & Entomology Himachal Agrl Coll, Solan (H.P) 1962-63; *Mem* Entomological Socy of India, Zoological Socy of India and Simla Assn for Advancement of Agrl Sciences; *Pub* A paper published in a reputed journal and an article on 'Science for Human Welfare'; *Specln* Pomology and Entomology; *Hobb* Resch work; *Av'ble* for employment abroad (notice—one month); *Add* Care Shri Nathu Ram Pal, Vill Keshonpur, P.O Bakewar, Distt Etawah (U.P).

PALANI, EGAMBARAM; Director of Fisheries, Pondicherry; *b* 27 May 1939 (Madras State); *Edn* MA (Zoology) Annamalai Univ 1951; *Exp* Resch Asst Madras Fisheries 1952-55, Inspector of Fisheries, Pondicherry 1956-58, Resch Asst Madras Fisheries 1959-60; *Pub* A paper published in a reputed journal; *Knows* French; *Specln* Fisheries (Capture & Development); *Hobb* Outdoor games (badminton, volleyball & football); *Av'ble* for employment abroad (notice—three months); *Add* Director of Fisheries, Pondicherry.

PALIT, GOUR GOPAL; Vety Extension Supervisor C.D Block, Singhwara (Bihar); *b* 19 Aug 1941, Patna; *Edn* BVSc & AH Magadh Univ 1963; *Mem* Bihar Vety Assn; *Specln* Vety Science and Animal Husbandry; *Hobb* Playing all indoor & outdoor games and touring; *Av'ble* for employment abroad (notice—three months); *Add* 'Kallola', Chawk Massallapur, Patna 6 (Bihar).

PANCHAKSHARAPPA, (DR) M. G; Lecturer Botany Karnatak Univ since 1961; *b* 26 Apr 1926; *Edn* BSc (Hons) & MSc Mysore Univ 1950 & 1953, PhD (Embryology) Delhi Univ 1960; *Exp* Demonstrator Botany 1951-56, Lecturer Degree Coll 1957-60, Lecturer Post-Grad Deptt 1961-64; *Mem* Indian Botanical Socy and International Socy of Plant Morphologists; *Pub* Six papers in botanical journals of India; *Specln* Plant Embryology, Morphology and Palynology of Angiosperms; *Hobb* Reading books especially scientific & biographical; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Botany, Karnatak University, Dharwar (Mysore State).

PANDAY, AMARENDRA CHANDRASHANKAR; Prof & Head Agrl Engg Deptt Indian Inst of Techy, Kharagpur since 1955; *b* 15 Jan 1921, Surat; *Edn* BE (Elect) & BE (Mech) Bombay Univ 1945 & 1946, MS (Agrl Engg) Iowa State Univ (USA) 1949; *Exp* Prof Agrl Engg Deptt B.A Coll of Agri, Anand (Gujarat) 1949-55; *Mem* Instn of Engrs (India),

American Socy of Agrl Engrs and Indian Socy of Agrl Engrs; *Life Mem* Soil Conservation Socy of India; *Pub* Twenty seven papers published in various reputed journals; *Visited* USA; *Specln* Farm Machinery and Power; *Hobb* Gardening and reading; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Nagarwada, Nadiad, Distt Kaira (Gujarat).

PANDE, DEO NARAIN; Prof & Head Animal Husbandry and Dairying Deptt Janta Coll, Bakewar, Distt Etawah since 1961; *b* 30 Jul 1932, Distt Shahjahanpur; *Edn* BVSc (AH) & MVSc (AH) Agra Univ 1958 & 1961, Dip F.P Directorate of Fruit Utilization 1962; *Exp* Vety Asst Surgeon I/c Vety Hospitals-cum-Natural Service Centres and Compounders Trg Course 1958-61, Director Social Welfare and Agri Assn of the Coll; *Pub* 'A Textbook of Animal Husbandry & Veterinary Science' for BSc (Agri) students, 'Practical Animal Husbandry & Veterinary Science' for students, farmers & extension workers and 'A Textbook of Animal Husbandry & Veterinary Science', also various articles in reputed magazines; *Hobb* Writing books and making friends; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Vill Behta Sanbat, P.O Powayan, Shahjahanpur (U.P).

PANDE, (DR) HARI KRISHNA; Asst Prof Agronomy Indian Inst of Techy, Kharagpur since 1961; *b* 30 Nov 1926, Pandepur, Distt Jaunpur; *Edn* BSc (Agri), MSc (Agronomy) & PhD Agra Univ 1947, 1949 & 1956, Post-Doctorate Univ of Illinois (USA) 1962; *Exp* Lecturer Agronomy B.R Coll, Agra 1949-52, Asst Prof Agronomy B.R Coll, Agra 1952-55, Farm Supdt and Lecturer Agronomy Indian Inst of Techy, Kharagpur 1955-56 and 1956-61; *Mem* American Socy of Agronomy, American Socy of Crop Science and Indian Socy of Agronomy; *Pub* Ten papers published in tech journals of repute and one tech report; *Visited* USA, England, W.Germany, France, Switzerland and Italy; *Specln* Agronomy; *Hobb* Gardening; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Pandepur, P.O Chandwak, Distt Jaunpur.

PANDE, JITENDRA KUMAR; Sr Scientific Asst Endocrinology Div Central Drug Resch Inst, Lucknow since Aug 1964; *b* 24 Mar 1936, Allahabad; *Edn* BVSc & AH and MVSc Agra Univ 1959 and 1964; *Exp* Vety Asst Surgeon (Govt of U.P), Plan of Resch Work for award of PhD submitted to Agra Univ; *Mem* Assn of Scientific Workers of India; *Pub* Three papers sent for publication; *Specln* Physiology and Endocrinology; *Hobb* Scientific resch work; *Av'ble* for employment abroad with the permission of the present employers (notice—six months); *Add* Model Houses. Lucknow (U.P).

PANDE, NARAIN CHANDRA; Resch Asst Govt Vegetable Resch Stn, Kalianpur (Kanpur) since 1964; *b* 25 Sep 1941, Vill & P.O Madhonagar (Farrukhabad); *Edn* Visharad of Hindi, Hindi Sahitya Sammelan, Prayag 1958, BSc (Agri) and MSc (Agri) (Horticulture) Agra Univ 1961 and 1963; *Exp* Lecturer Horticulture Goojar Agrl Degree Coll, Rampur—Manharan (Saharanpur) Oct-Dec 1963; *Pub* Three resch papers on 'Varietal Difference in Ascorbic Acid Content of Some Varieties of Chillies', 'Karaunda Preserves' and 'Karaunde Ki Kheti'; *Specln* N.C.C Airwing and Fruit Preservation; *Hobb* Horticulture, flying and swimming; *Av'ble* for employment abroad (notice—two months); *Add* 1/234 A Nawabganj, Kanpur (U.P).

PANDEY, BAL RAM; *b* 4 Jan 1942, Achalipur, Distt Azamgarh; *Edn* BSc (Agri) Gorakhpur Univ 1964; *Hobb* Studying; *Av'ble* for employment abroad; *Add* Vill Achalipur, P.O Atrauli, Distt Azamgarh (U.P).

PANDEY, JAGDISH; *b* 1 Nov 1943, Karmanpur (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1964; *Hobb* Playing and reading; *Add* Vill Karmanpur, P O Jamalpur, Distt Ballia (U.P).

PANDIT, RAGHUNATH VINAYAK; Asst Prof Anatomy Vety Coll, Nagpur since 1958; *b* 24 Aug 1934, Tasgaon (Maharashtra); *Edn* BVSc Saugar Univ 1954; *Exp* Demonstrator Anatomy Jabalpur Vety Coll 1954-56, Livestock Inspector 1956-58; *Mem* Maharashtra Vety Assn, Nagpur Univ Teachers' Assn and Indian Red Cross Socy; *Pub* Articles in Vety Coll journals and popular scientific articles; *Specln* Vety Anatomy; *Hobb* Photography, painting, classical music and empty bottles collection; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 13 Normal School Quarters, Sitabuldi, Nagpur (Maharashtra).

PANTULU, VEDURUMUDI RAYAPPA; Sr Resch Officer Central Inland Fisheries Resch Inst, Barrackpore; *b* 28 Oct 1923, Vizianagaram; *Edn* BSc (Hons) Madras Univ 1944, MSc Lucknow Univ 1945, Recipient of S.P Basu Memorial Gold Medal for Outstanding Resch Contributions in Fisheries Biology; *Exp* Fisheries Consultant Mekong Committee, E.C.A.F.E/U.N May-Jun 1965; *Pub* 16 scientific papers published in Indian and foreign journals of repute and several tech reports; *Visited* Canada, USA, UK, France, Switzerland, Thailand and Combodia; *Specln* Fisheries Biology; *Hobb* Cricket; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vedurumudi House, Vizianagaram, Distt Visakhapatnam (A.P).

PANWAR, CHANDER DEV; Manager Govt Livestock Farm, Kothipura (H.P);

b 27 Mar 1935, Sirmur (H.P); *Edn* BVSc & AH Panjab Univ 1958, National Dip Animal Gynaecology Indian Vety Resch Inst, Izatnagar 1963; *Exp* Vety Asst Surgeon (various institutions in H.P) 1958-65; *Specln* Physio-Pathology of Reproduction and Artificial Insemination; *Hobb* Games and athletics; *Add* P.O Sarsoo, Distt Nahan (H.P).

PARASURAM, NALLEPILLI ANANTSUBRAMANIAN; Farm Supdt Central Rice Resch Inst, Cuttack since 1958; *b* 22 May 1916, Palghat; *Edn* BSc (Agri) Madras Univ 1936, Dip in Rice Cultivation (Japan) 1963; *Exp* Farm Manager Central Rice Resch Inst, Cuttack 1946-55, Liaison Officer Agri Resch Stn, Mannuthy (Kerala) 1956-58; *Pub* Nine resch papers published in reputed journals; *Visited* Japan; *Specln* Extension Practices, Agronomy and Soils; *Av'ble* for employment abroad (with the consent of Govt); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri C. R Nageswaran, 5 Venkataramana Road, P.O R.S Puram, Coimbatore (Madras State).

PATEL, (Dr) JASHBHAI RANCHHODBHAI; Principal Dairy Science Coll Inst of Agri, Anand since Sep 1961; *b* 9 May 1921, Vill Karamnad, Distt Kaira; *Edn* BSc (Agri) Bombay Univ 1943, MS and PhD Wisconsin Univ (USA) 1956 and 1958; *Exp* Agri Officer I/c Cattle Breeding, Bombay 1943-47, Lecturer Animal Husbandry & Dairying and Prof Animal Husbandry Inst of Agri, Anand 1947-53 and 1958-61; *Mem* Indian Dairy Science Assn; *Visited* USA, France, Holland and W.Germany; *Specln* Genetics; *Add* Principal, Dairy Science College, Institute of Agriculture, Anand (Gujarat State).

PATEL, KANTILAL RANCHHODBHAI; *b* 29 May 1941, Nava Rajuvadia (Gujarat); *Edn* BSc (Agri) Sardar Vallabhbhai Vidyapeeth 1965; *Mem* Vignan Club, Nava Rajuvadia and Science Club, Umalla; *Specln* Agri; *Hobb* Playing indoor games and travelling; *Av'ble* for employment abroad (notice—three months); *Add* At & P.O Nava Rajuvadia, Distt Broach (Gujarat).

PATEL, (MISS) KUSUM KASHIBHAI; Resch Asst Entomology Deptt Univ of Wisconsin (USA) since 1962; *b* 27 May 1935; *Edn* Rashtrabhasha Kovid Pariksha Wardha Univ 1954, Hindi Vinit Gujarat Univ 1955, BSc & MSc Bombay Univ 1956 & 1960, MS Univ of Wisconsin (USA) 1962; *Exp* Project Asst Zoology Deptt Univ of Wisconsin (USA) Project 1960-62; *Mem* Sigma Xi and Entomological Socy of America; *Pub* Three resch papers and two tech reports in journals of repute; *Knows* German and French; *Visited* England; *Specln* Zoological and Entomological Work; *Hobb* Stamp collection, driving and music; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 23 Birla House, First Floor, Prarthana Samaj, Bombay 42 (Maharashtra).

PATEL, MAGANLAL PARSHOTTAMBHAI; Agri Engr (Co-operative Dip) Provincial Co-operative Inst, Bombay since 1963; *b* 25 May 1931, Kanpura (Gujarat); *Edn* Degree in Agrl Engg Univ of South Western Louisiana (USA) 1961, Dip Automobile Diesel Engines US Trade Schl (USA) 1961; *Exp* Farm Tractors & Machinery Operator (Summers 1957 & 1958), Heavy Equipment Operator Phantom Product, Kansas (USA) 1961; *Mem* American Socy of Agrl Engrs and Aggie Club; *Pub* Some articles on design work; *Specln* Tractors, Heavy Machinery and Maintenance of Heavy Equipment; *Hobb* Cricket and photography; *Av'ble* for employment with some foreign concerns in India; *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kanpura, P.O Vyara, Distt Surat (Gujarat).

PATEL, (DR) RAOJIBHAI JIJIBHAI; Lecturer Botany Sardar Vallabhbhai Vidyapeeth, Vallabh Vidyanagar (Gujarat) since 1964; *b* 3 Dec 1929, Sarsa (Gujarat); *Edn* BSc (Chemistry) & BSc (Botany) Bombay Univ 1949 & 1951, MSc (Botany) Gujarat Univ 1955, PhD Univ of London 1961; *Exp* Demonstrator, Tutor Demonstrator, Lecturer Botany & Prof I/c Botany Deptt V.P Coll, Vallabh Vidyanagar 1949-56, 1956-57, 1957-61 & 1961-63, Prof & Head Botany Deptt R.P.T Coll, Vallabh Vidyanagar 1963-64; *Mem* Phycological Socy (UK), Indian Botanical Socy and Phycological Socy (India); *Pub* Papers in scientific journals of repute; *Visited* UK; *Specln* Agae-Aigal Toxonomy, Cytology Culture and Radiation; *Hobb* Stamps, coins, playing cards, jokers & designs and cigarette case collection; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* At & Post Sarsa, Taluka Anand, Distt Kaira (Gujarat).

PATEL, YUSUF GULAM MOHAMED; Edn Officer (Sc) and Principal Ibibio State Coll, Ikot-Ekpene, E.Nigeria since 1961; *b* 4 Jan 1932, Jitali, Distt Broach(Gujarat); *Edn* BSc and MSc Baroda Univ 1954 and 1956; *Exp* Demonstrator Zoology Baroda Univ 1956-57, Lecturer Biology S & A Coll, Bulsar 1957-59, Lecturer Zoology P.M.B.G Coll, Indore 1959-60, Lecturer Zoology, V.P Science Coll, Vallabh Vidyanagar 1960-61; *Mem* Bird Watcher's Club; *Visited* Nigeria, France, W. Germany, Switzerland, England and Egypt; *Specln* Animal Physiology; *Hobb* Badminton, tennis and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village & P.O Jitali, Via Ankleshvar, Distt Broach (Gujarat).

PATHAK, RAMESH CHANDRA; Resch Officer (Brucellosis) U.P Vety Coll,

Mathura since 1963; *b* 15 Jul 1929, Aligarh; *Edn* BVSc & AH and MVSc Agra Univ 1951 and 1959, MS Illinois Univ 1961; *Exp* Demonstrator 1951-56, Lecturer Bacteriology 1956-59, Asst Prof Peventive Medicine 1959-62; *Pub* About a dozen original resch papers published in reputed scientific journals, popular articles on 'Animal Diseases', tech report on the Scheme of 'Investigation of Infectious Abortiens (Brucellosis) in U.P'; *Visited* USA; *Knows* French; *Specln* Vety Medicine and Infectious Diseases of Animals; *Add* 20 Jagannath Puri, Mathura (U.P).

PATIL, BHAUSAHEB VEERGONDA; Agrl Officer I/c Farm Section Office of the Agronomist Regional Sugarcane Resch Stn, Kolhapur since Feb 1965; *b* 8 Oct 1937, Benadi, Distt Belgaum; *Edn* BSc (Agri) (Hons) Poona Univ 1960; *Exp* Agrl Officer I/c Govt Orchards, Ajara 1960-62, Jr Statistical Asstt Directorate of Agri, Poona 1962-63, Demonstrator & Agri Officer I/c Farm Agrl Coll, Kolhapur 1963-65; *Specln* Farm Management and Agrl Technique; *Hobb* Wrestling and reading; *Av'ble* for employment abroad (notice—three months); *Add* Station Bungalow, Shahupuri, Kolhapur (Maharashtra).

PATIL, BHIMANAGOUDA NARAPPAGOUDA; Farm owner; *b* 26 Dec 1939, Asundi (Mysore); *Edn* BSc (Agri) and MSc (Agri) Karnatak Univ 1962 and 1964; *Specln* Cytogenetics & Plant Breeding; *Hobb* Volleyball, carroms, playing and resch; *Av'ble* for employment abroad (notice—one month); *Add* Madahalli, P.O Yattnahalli, Via Gadag, Distt Dharwar (Mysore State).

PATIL, DHARMDAS GURDAS; Marketing Officer Directorate of Marketing & Inspection (Govt of India), Lucknow; *b* 15 Nov 1928, Nagpur; *Edn* BSc (Agri) Nagpur Univ 1952, MSc (Agrl Economics) Agra Univ 1957; *Pub* Three tech reports published in reputed magazines; *Specln* Regulation of Markets in India; *Hobb* Reading and outdoor games; *Av'ble* for employment abroad (if relieved by the Deptt); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 292 Abhyankar Nagar, Nagpur (Maharashtra).

PATIL, RANGRAO SHANKARRAO; Agronomist Regional Sugarcane Resch Sub-Stn, Kolhapur since Jul 1964; *b* 6 Jul 1919, Kasaba Kodoli (Maharashtra); *Edn* BSc (Agri) Bombay Univ 1948; *Exp* Agrl Officer II Grade & Agrl Officer Grade I (Sugarcane) 1948-57 & 1957-64, I/c Agronomist Regional Sugarcane Resch Sub-Stn, Kolhapur Jun-Jul 1964; *Mem* Deccan Sugar Technologists' Assn and American Socy of Agronomy; *Producer Mem* Shri Warana Sahakari Sakhar Karakhana Ltd, Kodoli; *Pub* Paper on 'Compost Making from

Sugarcane Trash', five more papers (in collaboration) published in journals of repute, as also four popular articles in departmental books and 'Farmer Magazine'; *Visited* USA (For Higher Trg in Agronomy); *Specln* Agronomy & Crop Production; *Hobb* Reading and farm practicals; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 2813/6 Belbaug Colony, Mangalwar Peth, Kolhapur (Maharashtra).

PATIL, KUMAR ADGONDA; Agrl Supervisor Regional Sugarcane Resch Sub-Stn, Kolhapur since 1963; *b* 1 Jun 1940, Dudhagaon, Distt Sangli; *Edn* BSc (Hons) (Agri) Poona Univ 1963; *Specln* Accounts & Office Routine Work, Farm Management and Agrl Technique; *Hobb* Reading, playing and writing; *Av'ble* for employment abroad (notice—three months); *Add* At & Post Dudhagaon (Tal-Miraj), Distt Sangli (Maharashtra).

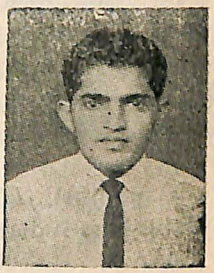
PATIL, RAOSAHEB YALLAPPA; Asst Prof Social Sciences Coll of Agri, Kolhapur since Jul 1964; *b* 16 Nov 1937, Wazare; *Edn* MSc (Agri) (first class) Poona Univ 1963; *Exp* Demonstrator Agrl Extension Coll of Agri, Poona 1963-64; *Pub* Two papers published in scientific journals of repute; *Knows* French; *Hobb* Gardening, swimming and debating; *Av'ble* for employment abroad (notice—three months); *Add* At Wazare, Post Nazare, Taluka Sangola, Distt Sholapur (Maharashtra).

PATIL, RUDRAGOUDA FAKIRGOUDA; Deputy Agrl Engr I.A.D.P. Mandya since 1963; *b* 3 Sep 1916, Neginhal (Mysore State); *Edn* BE (Civil) Bombay Univ 1943, MS (Agrl Engg) Univ of Tennessee (USA) 1959; *Exp* Sr Surveyor 1943-44, Subdivisional Soil Conservation Officer 1944-49, Prof Agrl Engg 1949-63; *Asso Mem* Instn of Engrs (India); *Mem* Indian Socy of Agrl Engrs and Socy of Soil & Water Conservation (India); *Pub* 'A Textbook of Agricultural Engineering' and several popular articles; *Visited* USA; *Specln* Soil & Water Conservation and Agrl Implements & Machinery; *Hobb* Photography and dramatics; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shri R. F Patil, Saptapur, Dharwar (Mysore State).

PATIL, SHAMARAO DADAJI; Lecturer Botany Poona Univ since 1961; *b* 14 May 1926, Mangala; *Edn* MSc (by resch) Poona Univ 1957; *Exp* Head Biology Deptt Science Coll, Karad 1958-61; *Mem* Indian Science Congress Assn; *Pub* One textbook, about 15 papers on Mycology published in reputed journals and many other scientific reports; *Knows* German; *Specln* Mycology; *Hobb* Collection of plants; *Av'ble* for employment abroad; *Listed* Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village & P.O Mangala, Distt Sangoli (Maharashtra).

PATIL, SHANKAR HARI; Asst Section Officer Maharashtra State Farming Corpn Ltd, Changdeonagar since Dec 1964; *b* 1 Jun 1939, Sangola, Distt Sholapur; *Edn* BSc (Agri) Poona Univ 1961; *Exp* Agri Supervisor Govt Agri Schl, Borgaon, Distt Satara 1961-63, Extension Officer Agri Care Block Development Officer, Karad Aug-Sep 1963, Section Officer Krishna Sahakari Sakhar Kaharkhana Ltd, Satara 1963-64; *Specln* Sugarcane Plantation and Extension Work; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri Y. N Patil, Post Sangola, Distt Sholapur (Maharashtra).

PATTANAIK, (DR) SHYAMANANDA; Jt Director & Head Soil Conservation Organisation (Orissa Agri Deptt), Cuttack since 1952; *b* 26 Dec 1923; *Edn* BSc Patna Univ 1943, MSc (Agrl Botany) B.H Univ 1945, PhD Cornell Univ (USA) 1952; *Exp* Lecturer Botany (Orissa Edn Service) 1945-49, Resch Fellow Utkal Univ 1949-52; *Exec Mem* Soil Conservation Socy of India; *Mem* Indian Science Congress Assn; *Pub* A book on 'An Introduction to Systematic Botany', more than ten papers on 'Plant and Soil Science published in journals of repute and three important tech reports; *Visited* USA; *Specln* Soil Conservation and Plant Nutrition; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Add* Dagurpara, Stonney Road, Cuttack 2 (Orissa).



PHILIP, T. J; Horticulturist Oil & Natural Gas Commission, Cambay since Sep 1962; *b* 3 Mar 1940, Puthukulam; *Edn* BSc (Agri) Saugar Univ 1961; *Exp* Section Officer (Gardens) Municipal Corpn, Delhi 1961-62, Is entrusted with laying out of gardens and parks (Independent Tech Advisor Horticulture Section), development of sewage farm, etc; *Specln* Agri and Horticulture; *Hobb* Table-tennis, basketball, etc; *Av'ble* for employment abroad (notice—two months); *Add* Thundiathu, Puthukulam, Pathanamthitta, Distt Quilon (Kerala).

PHILIPOSE, (DR) MANCHAYIL THOMAS; Sr Resch Officer Central Inland Fisheries Resch Sub-Stn, Cuttack since 1963; *b* 16 Apr 1914, Kottayam (Kerala); *Edn* BA, MA & MSc Madras Univ 1934, 1937 & 1940, PhD London Univ 1948; *Exp* Asst Prof & Head Botany Deptt Pachaiyappas Coll, Madras 1941-45, Asst Resch Officer and Resch Officer Central Inland Fisheries Resch Sub-Stn, Cuttack 1949-58 and 1958-63; *Mem* Indian Botanical Socy, Indian Phycological Socy and International Limnological & Phycological Socys; *Pub* 'Monograph on Clorococeales', 'Handbook on Indian Fresh Water Algae' (in press), eight papers published in journals of repute, two tech articles and a tech report; *Visited* UK, Switzerland, Norway, Sweden and Denmark; *Knows* German and French (Reading only); *Specln* Fresh Water and Benthic (Soil) Algae and Agnatic Weed Control; *Listed* 'Men of Sciences & Technology in India' (Premier

Publishers India); *Add* Manchayil House, P.O Olesha, Distt Kottayam (Kerala).

PILLAI, (Dr) K. MAHADEVAN; Working in Agrl Coll & Resch Inst, Coimbatore since 1965; *b* 5 May 1931, Thamarakulam (Madras State); *Edn* BSc (Agri) Madras Univ 1953, MSc (Agri) & Cert in Statistical Methods B.H Univ 1958, Dr-Sc-Agr Univ of Goettingen (W.Germany) 1962; *Exp* Agrl Demonstrator (Agronomy Extension) 1953-56, Groundnut Physiologist & Asst Lecturer Botany 1958-59, Scientists Pool Officer Post-Grad Teaching & Resch 1962-65; *Mem* Indian Socy of Agronomy, New Delhi and Indian Socy of Genetics & Plant Breeding; *Pub* Textbook entitled 'Crop Nutrition', one paper in German Language, eight resch & six review publications; *Visited* W.Germany, France, Holland and Switzerland; *Specln* Agronomy with special reference to Plant Physiology & Plant Nutrition; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Thamarakulam, Via Suchindrum, Distt Kanyakumari (Madras State).

PILLAI, SANKARA KRISHNA; Sr Resch Scholar Silviculture Deptt Forest Resch Inst, Dehra Dun since 1964; *b* 3 Feb 1934, Keerikad; *Edn* BSc Madras Univ 1956, BSc Edinburgh Univ (UK) 1961; *Exp* Supdt 1962-64; *Professional Asso* Socy of Foresters of Great Britain; *Pub* Three tech reports in reputed journals, as also one resch paper; *Knows* Spanish; *Visited* UK, France and Switzerland; *Specln* Introduction of Forest Trees; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Perumana, P.O Keerikad (Kerala).

PILLAY, (Dr) K. SADASIVAN; Sr Chemist Fisheries Techy Section Kerala Univ since 1956; *b* 11 Jun 1922, Trivandrum; *Edn* BSc and MSc Travancore Univ 1945 and 1950, PhD Kerala Univ 1964; *Exp* Resch Asst and Resch Scholar (Govt of India) 1946-52 and 1952-55; *Pub* Co-author of four schl books (in Malayalam), 20 resch papers published in journals of repute, a number of writings & articles on Ayurveda; *Knows* Scientific French and German; *Specln* Chemistry of Sea Weeds and Marine Oils; *Hobb* Study of 'Ayurveda'—the Indian system of medicine; *Add* Panampilavil, Patharam, P.O Sooranad, Distt Quilon (Kerala).

PONNUSWAMI, M. K; Plant Protection Officer Central Plant Protection Stn Directorate of Plant Protection & Quarantine, Min of Food & Agri (Govt of India) since 1957; *b* 15 Dec 1915, Coimbatore; *Edn* LT (Natural Science) and MA (Zoology) Madras Univ 1940 and 1946; *Exp* Tech Asst and Plant Quarantine Inspector Directorate of Plant Protection,

Quarantine & Storage, New Delhi 1946-57; *Pub* Five articles on 'Plant Protection' published in Plant Protection Bulletin; *Visited* Australia; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* 12/291 Rangai Gounder Street, Post Coimbatore (Madras State).

PRABHU, (DR) MADHAV SUDHAKAR; Resch Officer Central Marine Fisheries Resch Unit, Mangalore since 1959; *b* 15 Mar 1922, Vaikom; *Edn* BSc & MSc Madras Univ 1945 & 1953, PhD Bombay Univ 1963; *Exp* Resch Asst and Asst Resch Officer 1947-55 and 1955-59; *Mem* Marine Biological Assn of India; *Pub* Ten scientific papers on Fisheries published in journals of repute; *Visited* Canada, USA and Japan; *Knows* French; *Hobb* Philately; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shantha Bhavan, Palace Road, Cochin 2 (Kerala).

PRADHAN, SHANTARAM KESHAV; Extension Officer Central Inst of Fisheries Techy, Ernakulam since 1961; *b* 26 Nov 1924; *Edn* BSc and MSc Bombay Univ 1948 and 1955; *Exp* Resch Asst Deptt of Fisheries (Maharashtra Govt) 1948-57, Deputy Marketing Development Officer (Fish) Directorate of Marketing & Inspection (Govt of India) 1957-58, Manager/ Marketing Officer Fish & Fishery Products Central Marketing Assn, Bombay 1958-59, Biochemist Deptt of Fisheries (Maharashtra Govt) 1960-61; *Mem* Managing Committee Socy of Fisheries Technologists (India); *Editor* 'Fishery Technology'—a scientific journal; *Ex-pres & Mem* Central Services Welfare Board Consumer Co-operative Socy, Cochin'; *Pub* Several papers and articles published in reputed journals; *Visited* Japan; *Specln* Mftre of Fishery Products & Byproducts; *Hobb* Social work; *Av'ble* for employment abroad with the permission of Govt; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Central Institute of Fisheries Technology, Post Box No. 39, Ernakulam (Kerala).

PRADHAN, (DR) SHYAMSUNDRALAL; Head Entomology Div Indian Agrl Resch Inst, New Delhi since 1962; *b* 13 May 1913, Bahraich (U.P); *Edn* BSc (Hons), MSc & DSc (Zoology) Lucknow Univ 1933, 1934 & 1938, PhD (Applied Entomology) London Univ 1948; *Exp* Asst Ecologist, Ecologist (Toxicologist) and Prof Entomology 1940-48, 1948-58 and 1958-62; *Pres* Entomological Socy of India; *Pub* More than 150 publications in Indian and foreign journals of repute; *Visited* UK, France, Holland, Switzerland, Belgium and the Philippines; *Av'ble* for employment abroad (through Govt); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Head, Division of Entomology, Indian Agricultural Research Institute, New Delhi 12.

PRAJAPATI, SHIVA SHANKAR; Head Agronomy Deptt Janta Coll, Bakewar since Dec 1963; *b* 15 Apr 1941; *Edn* BSc (Agri) and MSc(Agri)(Agronomy)

Agra Univ 1960 and 1962; *Exp* Lecturer Agri Deptt S.J Inter Coll, Ajitmal Jul-Sep 1962, Sr Resch Asst (U.P Agri Deptt) 1962-63; *Mem* Indian Socy of Agronomy; *Specln* Agronomy; *Hobb* Reading and sight-seeing; *Add* Vill Alchi Nagar, P.O Birhuni, Distt Etawah (U.P).

PRASAD, (DR) BRAJ NANDAN; Lecturer Botany Lucknow Univ since 1951; *b* 13 Oct 1923, Varanasi (U.P); *Edn* BSc & MSc B.H Univ 1945 & 1947, PhD London Univ 1958; *Exp* Lecturer Botany Meerut Coll, Meerut 1947-48, Lecturer Botany Saugar Univ 1948-51; *Mem* International Phycological Socy, British Phycological Socy and Indian Phycological Socy; *Life Mem* National Academy of Sciences; *Fellow* The Linnean Socy, London; *Life Fellow* Indian Botanical Socy; *Pub* 24 papers published in scientific journals of repute and many AIR talks; *Visited* UK, France, Belgium, Switzerland, Holland, Italy, Germany and Austria; *Specln* Algology; *Hobb* Shooting with gun and camera; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 144 Daranagar, Varanasi 1 (U.P).

PRASAD, JAGDAMBA; Dean Coll of Agrl Engg Pantnagar Univ (U.P) since 1963; *b* 7 Oct 1909, Lucknow (U.P); *Edn* BSc (Engg) B.H Univ 1933, Dip R.T.C Royal Tech Coll, Glasgow (UK) 1935, Cert of Resch Imperial Coll of Tropical Agri, Trinidad 1936; *Exp* Chief Engr Sugar Factories 1933-39, Asst Prof Engg Coll B.H Univ 1939-42, Reader Mech Engg Roorkee Univ 1942-63; *Asso Mem* Instn of Engrs (India); *Visited* England and West Indies; *Listed* 'Men of Sciences & Technology in India' and Men of Education in India' (Premier Publishers India); *Add* Agricultural University, Pantnagar (U.P).

PRASAD, NIBHANUPUDI NARAYANA; Resch Officer PL-480 Resch Project Faculty of Agri Annamalai Univ, Annamalainagar since 1965; *b* 9 Apr 1933, Bapatla, Distt Guntur; *Edn* BSc (Agri) & MSc (Agri) Andhra Univ 1953 & 1956, Resch Asst Agrl Coll 1956-57, Resch Scholar (Agri) Annamalai Univ 1957-59, Lecturer Agri Annamalai Univ 1959-65; *Mem* Assn of Microbiologists of India and Andhra Agrl Assn; *Pub* Seven resch papers in scientific journals of repute; *Specln* Plant Pathology and Agrl Microbiology; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Nibhanapudi House, Vijayalakshmipuram, P.O Bapatla, Distt Guntur (A.P).

PRASAD, (DR) RAGHU RAMAVARMA; Deputy Director Central Marine Fisheries Resch Sub-Stn since 1962 and Chief Scientist-in-Charge Indian Ocean Biological Centre (CSIR), Ernakulam since 1964; *b* 17 Nov 1920, Mavelikara (Kerala); *Edn* BSc Travancore Univ 1940, MSc Madras Univ 1943, Dip All India Fisheries Trg, Madras 1945, PhD Stanford Univ 1948; *Exp* Asst Resch Officer, Resch Officer and Sr Resch Officer Jan-

Apr 1949, 1949-56 and 1956-62 (Also took part in Danish Galathea Deep Sea Expedition and the Soviet Vitiaz Expedition to the Indian Ocean); *Fellow* Indian Academy of Sciences and Zoological Socy of India; *Pub* More than 60 papers published in journals of repute; *Visited* USA, Canada, UK, Tokyo and various islands in the Indian Ocean; *Knows* German; *Specln* Biological Oceanography with special reference to Plankton and Primary Production; *Hobb* Photography and philately; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Ravi Vilas, Mavelikara, Distt Alleppey (Kerala).

PRASAD, (DR) RAJENDRA; Agronomist Indian Agrl Resch Inst, New Delhi since 1963; *b* 1 Jan 1936, Haidarabad, Distt Unnao (U.P); *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1954 & 1956, PhD Mississippi State Univ (USA) 1961, Recipient of three Gold Medals and Chancellor's Bronze Medal of Agra Univ; *Exp* Asst Agronomist Mississippi Agrl Expt Stn State Coll, Mississippi (USA); *Mem* Indian Science Congress Assn, Indian Socy of Soil Science, New Delhi, Indian Socy of Agronomy, New Delhi and Hony Socy of Phi Kappa Phi (USA); *Pub* Eight papers published in scientific journals of repute and four popular scientific articles; *Visited* USA and England; *Specln* Soil Chemistry & Soil Fertility and Agronomy; *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Vill & P.O Haidarabad, Distt Unnao (U.P).

PRASADA, (DR) RAGHUBIR; Mycologist Indian Agrl Resch Inst, New Delhi since 1946; *b* 11 Dec 1907, Chandausi (U.P); *Edn* BSc, MSc and DSc Agra Univ 1928, 1930 and 1943; *Exp* Mycologist I/c Rust Resch Lab, Simla 1930-46; *Mem & Ex-pres* Indian Science Congress (Agrl Science Section); *Founder Mem & Fellow* Indian Phytopathological Socy; *Pub* Over 70 scientific papers in leading journals, also Presidential Addresses in scientific societies, seminars, symposia, etc; *Visited* Nepal and Australia; *Knows* German; *Specln* Mycology & Plant Pathology (Rusts, Smuts and Mildews); *Hobb* Tennis and photography; *Av'ble* for employment abroad (notice– one month); *Add* Mycologist, Indian Agricultural Research Institute, New Delhi.

PRASHAR, (DR) CHIT RANJAN KUMAR; Agronomist (Water Requirements of Crops) Punjab Agrl Univ, Hissar; *b* 15 Apr 1935, Lahore (Pak); *Edn* BSc (Agri) (Hons) Delhi Univ 1955, Assoc IARI (Agronomy) Indian Agrl Resch Inst 1957, PhD Post-Grad Schl Indian Agrl Resch Inst, New Delhi 1961; *Exp* Asst Soil Conservation Officer (Agronomy) Soil Conservation Resch Demonstration and Trg Centre, Dehra Dun 1962-64; *Mem* Indian Socy of Agronomy; *Pub* Five resch papers in reputed journals; *Knows* German and Persian; *Specln* Soil and Water Management; *Hobb* Photography and riding; *Av'ble* for employment abroad (notice— three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 3/57 Roop Nagar, Delhi.

PREMI, PANJU RAM; *b* 8 Jun 1933, Dhorpa, Distt Jhang (W.Pak); *Edn* BSc (Agri) & MSc (Agri) Panjab Univ 1955 & 1958, Higher Dairy Course with Dairy Techy, Dairy Bacteriology &Chemistry Agri Dairy and Horticulture Inst, Alnarp (Sweden) 1961-64; *Exp* Resch Asst Agri Deptt, Simla 1958-59, Resch Asst Punjab Agri Deptt 1960-61, Practical Trg in Mftre of Milk Products for one year; *Pub* Three resch papers on 'Milk, Cream & Butter' (unpublished); *Visited* Sweden, France, England and Denmark; *Knows* Swedish; *Hobb* Volleyball and photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* H. No. B 11878, Kucha Lakshmi Narain, Ludhiana (Punjab).

PREMSEKAR, SUBRAMANIAM; Asst Lecturer Botany Agrl Coll & Resch Inst, Coimbatore since 1964; *b* 2 May 1929, Madras; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1949 and 1963; *Exp* Resch Asst to Millet Specialist 1955-64; *Mem* Academy of Agrl Science and Madras Agrl Student's Union, Coimbatore; *Pub* Over a dozen resch papers in journals of repute; *Specln* Cytogenetics & Plant Breeding and Botany; *Hobb* Photography and radio; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr Valeeswaran, Eye Surgeon, First Agraharam, Salem 1 (Madras State).

PURI, (DR) DAVINDRA NAND; Agronomist D.C.M Chemical Works, Delhi since 1964; *b* 7 Feb 1936; *Edn* BSc (Agri) & Cert in Horticulture Panjab Univ 1954 & Sep 1954, Assoc IARI and PhD Indian Agrl Resch Inst 1956 and 1964; *Mem* Indian Standards Instn and Indian Socy of Agronomy; *Pub* Six resch papers, 12 tech reports and four other writings; *Knows* German; *Specln* Agronomy; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Add* S/o Shri H. N Puri, P.E.S Retd, D.F.O, Chamba (H.P).

PURUSHOTHAM, (DR) ASHTAKALA; Wood Preservation Officer & Director Biological Resch Forest Resch Inst, Dehra Dun since 1964; *b* 26 May 1912, Kolar (Mysore State); *Edn* BSc Madras Univ 1935, MSc and DSc B.H Univ 1937 and 1941; *Exp* Chemical Asst Cordite Factory, Aruvankadu Jul-Oct 1940, Asst Wood Preservation Officer Forest Resch Inst 1940-50, Wood Preservation Officer Forest Inst 1950-64; *Mem* British Wood Preservers' Assn, Railway Engg Assn, American Wood Preservers' Assn and Resch Inst Committee of the Railway Board; *Fellow* Inst of Physics (London); *Convener* Indian Standards Instn, The Timber Seasoning & Treatment Committee; *Pub* Wood Preservation in India', 70 resch papers and reports on 'Wood Preservation

in Tropical Countries', 'Low-Cost Structures' and 'Processed Timber Bank'; *Visited* USA, Rome (Italy), Germany, Sweden, France, UK and Canada; *Knows* German; *Specln* Colloids, Elect Discharges, Wood Preservation and Wood Techy; *Hobb* Photography, gardening, indoor and outdoor games; *Av'ble* for employment abroad (with the consent of Govt of India); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Oosmansahib Pet, Post Stonehouse Pet, Distt Nellore (A.P).

PUSHKARNATH, (DR); Director Central Potato Resch Inst (Min of Food & Agri), Simla since 1956; *b* 20 Mar 1910, Srinagar; *Edn* BSc (Hons) & MSc Panjab Univ 1931 & 1932, Assoc IARI (Agrl Botany) Indian Agrl Resch Inst 1934, PhD Panjab Univ 1941, Advanced Trg in Virus Pathology and Breeding of Potatoes; *Exp* Officer-in-Charge Potato and Wheat Breeding Stn of Indian Agrl Resch Inst, New Delhi 1935-51, Director Central Potato Resch Inst, Simla 1951-53, Director of Agri (H.P) 1953-56; *Mem* All India Board of Resch and Indian Council of Agrl Resch; *Chairman* Simla Socy for Advancement of Agrl Sciences, Tuber Crops Committee of Indian Council of Agrl Resch; *Pub* 'Indian Potato Varieties', 'Potato in India Varieties (a monograph)' & 'Potato Cultivation in India', 90 tech papers on different aspects of Breeding, Genetics and Plant Pathology, also Organizational and Developmental Aspects of Indian Agri; *Visited* UK, Ceylon, The Netherlands, UK, USA, Hawaii, Japan, Nepal and Central & South American Countries; *Hobb* Painting and photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* B-9 Bamloe, Simla 1 (H.P).

R

RACHAKONDA, (MRS) SAROJINI; Resch Fellow (CSIR) Andhra Univ since 1962; *b* 24 Oct 1936, Guntur; *Edn* BSc (Hons) & MSc Andhra Univ 1957 & 1959, MS Tulane Univ (USA) 1963; *Exp* Demonstrator & Jr Resch Fellow (CSIR) Zoology Deptt Andhra Univ 1958-59 & 1959-60, Resch Asst Tulane Univ (USA) 1960-62; *Mem* Zoological Socy of India; *Pub* Ten papers on 'Marine Biology & Physiology' published in journals of repute; *Visited* USA; *Knows* German; *Specln* Animal Physiology, Marine Biology and Protozoology; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 12/512 Kottagraharam Street, Visakhapatnam 1 (A.P).

RADHAKRISHNAN, (DR) N; Asst Resch Officer & Officer I/c Central Marine Fisheries Resch Centre, Vizhingam (Kerala); *b* 10 Sep 1929; *Edn* BSc (Zoology) Madras Univ 1949, MSc (Parasitology) and PhD (Zoology) Aligarh Univ 1952 and 1962; *Exp* Resch Asst Central Marine Fisheries Mesch Centre 1954-58; *Fellow* Academy of Zoology (India); *Mem* Marine Biological Assn of India and Zoological Socy of India; *Pub* Five papers published in journals of repute and nine more tech papers (awaiting publication); *Specln* Fishery Biology—Clupeoides; *Hobb* Stamp-collection; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 'Clifton', Near Y.M.C.A, Kozhikode 1 (Kerala).

RAHI, GURCHARAN SINGH; *b* 14 Oct 1941, Pathankot; *Edn* BSc (Hons) (Agri & A.H) and MSc (Agri) (Soil Conservation) U.P Agrl Univ, Pantnagar 1963 and 1965; *Exp* Was awarded USAID Traineeship, Appeared for ICAR Jr Fellowship and got Fellowship in Soil Science; *Asso Mem* Soil Conservation Socy of India; *Mem & Ex-vice-pres* Agrl Socy of U.P Agrl Univ; *Pub* Two papers on 'Sugarcane' (under preparation), also some literary essays on Forestry and Wild Life; *Specln* Major Soil Conservation and Minor Soil Science; *Hobb* Fiction reading and playing indoor games; *Av'ble* for employment abroad (notice—one month); *Add* Care S. Amar Singh, Contractor, Kirtholi, Pathankot (Punjab).

RAHIM, ABDUR; *b* 1 Jan 1944 (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1963; *Specln* Maths and Agri; *Hobb* Teaching and social work; *Av'ble* for employment abroad; *Add* Vill Kolhi Ghareeb, P.O Bangwan, Distt Gonda (U.P).

RAHUDKAR, WASUDEO BALWANT; Agrl Information Officer Agri Deptt

(Maharashtra State), Poona since 1962; *b* 20 Dec 1926, Palodi, Distt Akola; *Edn* BSc (Agri) Nagpur Univ 1949, Assoc IARI 1954, MSc (Agri) Nagpur Univ 1960, MA Kansas State Univ (USA) 1960; *Exp* Lecturer Agronomy 1949-52, Resch Officer & I/c Cotton Resch Scheme, Amravati 1954-55, Lecturer Agri Extension & Rural Sociology 1955-62; *Mem* Indian Socy of Agronomy, Rural Sociological Socy (USA) and American Sociological Assn (USA); *Pub* Five books (in Marathi) & four (in Hindi), 30 scientific papers published in reputed journals, 200 articles on Agri, one tech report and also three theses; *Visited* USA, Canada, UK, France, Switzerland W.Germany and Italy; *Specln* Agronomy, Agrl Extension, Agrl Journalism and Rural Sociology; *Hobb* Photography; *Av'ble* for employment abroad (notice—one month); *Listed* Who's Who in Indian Writers (Sahitya Akademi), and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri B. V Rahudkar, Village & P.O Wadegaon, Distt Akola (Maharashtra).

RAI, PHULENA; Asst Prof Parasitology U.P Vety Coll, Mathura since 1959; *b* 30 Jan 1928, Distt Deoria; *Edn* BVSc & AH and MVSc Agra Univ 1952 and 1959, doing PhD; *Exp* Vety Asst Surgeon 1952-56, Demonstrator Parasitology Vety Coll, Mathura 1956-59; *Mem* Indian Science Congress and National Academy of Science; *Fellow* Helminthological Socy of India; *Pub* 35 papers published in Indian and foreign journals of repute; *Visited* Nepal; *Specln* Helminthology; *Hobb* Gradening; *Add* Vill Paharpur, P.O Gontha Resulpur, Distt Deoria (U.P).

RAI, RAS BIHARI ; *b* 1 Jul 1946, Lachuman Pur (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1964; *Mem* Jr Red Cross Socys and Indian Scouts & Guides Socys; *Hobb* Elect work and gardening; *Av'ble* for employment abroad; *Add* Care Shri Shio Dahin Rao, Vill Lachuman Pur, P.O Pipra Kalan, Via Koranta Dih, Distt Ballia (U.P).

RAICHOUDHURY, DEBI PRASAD; Rector Serampore Coll (W.B) & Retd Director of Resch Central Sericultural Resch Stn, Berhampur; *b* 1 Feb 1906, Calcutta; *Edn* BSc (Hons) and MSc (first class first) Calcutta Univ 1926 and 1928; *Exp* Post-Grad Lecturer Calcutta Univ 1930-42, Dy Director of Industries (Govt of W.B) 1942-56, Director of Resch (Govt of India) 1956-62, Prof & Head Zoology Deptt North Bengal Univ 1962-63; *Mem* Rotary (International) Club of Serampore, Indian Science Congress, Royal Entomological Socy of London, Zoological Socy of India and Entomological Socy of India; *Pub* More than 20 papers on Zoology, Entomology and Sericulture published in reputed Indian & foreign journals, tech report published on Applied Entomology and Advancement Sericulture; *Visited* England and Japan; *Knows* Japanese and German; *Specln* Zoology Applied Entomology and Sericulture; *Hobb* Hiking, angling, tennis and badminton; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier

Publishers India); *Add* Elkonah, Mount Hermon Estate, North Point, Darjeeling (W.B) and Serampore College (W.B).

RAINA, (DR) NIRANJAN NATH; Asst Prof AH & Dairying B.R Coll, Agra since 1960; *b* Kanjillur (Kashmir); *Edn* BSc (Agri) and PhD Agra Univ; *Exp* Resch Asst 1958-59, Sr Resch Fellow ICAR 1959-60; *Mem* Indian Dairy Science Assn; *Pub* Six papers published in journals of repute and four popular articles; *Specln* Animal Nutrition; *Hobb* Essay writing and poetry; *Av'ble* for employment abroad (notice—three months); *Add* Dr. N. N Raina, Department of Animal Husbandry and Dairying, B.R College, Agra (U.P).

RAJ, J. SAMUEL; Prof & Head Zoology Deptt Alagappa Coll, Karaikudi since 1952; *b* 15 Aug 1919, Thuckalay (Madras State); *Edn* BA, BSc (Hons), MA and MSc Madras Univ 1939, 1941, 1946 and 1948; *Exp* Demonstrator and Lecturer Madras Christian Coll 1941-48, Prof & Head Zoology Deptt S D Coll Alleppey 1948-52; *Mem* Zoological Socy of India; *Fellow* Zoological Socy, London, Royal Entomological Socy, London and Academy of Zoology, Agra; *Pub* Thesis on 'Studies on Indian Lampyridac' and 15 more original papers published in journals of repute; *Specln* Entomology Beetle Larvae; *Hobb* Insect collection; *Av'ble* for employment abroad (notice - three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Professor & Head Department of Zoology Alagappa College, Karaikudi 3 (Madras State).

RAJASEKARAN, P; Microbiologist Sanitation Faculty Rural Inst, Gandhigram; *b* 31 Jul 1941, Madras; *Edn* BSc (Agri) and MSc (Agri) Annamalai Univ 1962 and 1964; *Exp* Extension Officer Agri (Package Programme), Distt Tanjore Apr-Jul 1962, Served as an Under Officer in the Annamalai Univ (6th Madras Bn. NCC 1960), was awarded a silver cup for the best 'Guard Commander' by the then Chief Minister of Madras, also engaged in setting up a Public Health Lab in the Sanitation Faculty Rural Inst, Gandhigram; *Mem* Indian Phytopathological Socy, New Delhi and Old Boys Agrl Assn (Annamalai Univ); *Pub* Tech report on 'The Microbial Population of the Annamalainagar Sewage System', Part-Time resch thesis on 'Studies on the Microbial Population of Sewage Water and on the Celluloytic and Lignolytic Properties of Some Micro-Organisms Isolated from Sewage and Compost'; *Specln* Microbiology and Agri; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India'; *Add* Police Line, Annamalainagar, Distt South Arcot (Madras State).

RAJE, YESHWANT BALKRISHNA; Head Biology Deptt and Prof Botany & Civilization (Science) S.P Coll, Poona since 1960; *b* 11 Dec 1906, Poona; *Edn* BSc and MSc Bombay Univ 1930 and 1945; *Exp* Asst Prof S P Coll, Poona 1945-60; *Pub* Books entitled 'Introduction to Botany', 'Introduction to Biology', 'Lower Biology', 'Textbook of Botany', 'A Book on Botany for School Students' and 'Vanaspati Shastra Prawesh', also 'A Book of Botany', 'Practical Biology' and 'Vidnyan Itihas' (in collaboration), one resch paper on 'Life History of Fossombronia Himalayensis' published in 'Phytomorphology'; *Av'ble* for employment abroad (notice—three months); *Add* Rajdeep, Rajendra Nagar, Navi Peth, Poona 9 (Maharashtra).

RAJENDRA SINGH; Demonstrator (Horticulture) Bihar Agrl Coll, Sabour; *b* 3 Nov 1935, Arara (Bihar); *Edn* BSc (Agri) Bihar Univ 1958, MSc (Agri) (Horticulture) Bhagalpur Univ 1963; *Exp* Agri Inspector 1958-59, Agrl Extension Supervisor 1959-63 (on deputation for Post-Grad Studies in Horticulture at Bihar Agrl Coll, Sabour Jan 1962 to Dec 1963); *Mem* Indian Horticulture Socy, New Delhi and Indian Journal of Horticulture; *Life Mem* Resch Foundation, Sabour; *Pub* One paper published and two more accepted for publication; *Specln* Pomology and Fruit Techy; *Hobb* Gardening; *Av'ble* for employment abroad (notice—two months); *Add* Vill Arara, P.O Adapur, Distt Champaran (Bihar).

RAJKONDAWAR, PRAMOD LAXMAN; *b* 22 Aug 1942, Wani, Distt Yeotmal (Maharashtra); *Edn* BSc (Agri) Nagpur Univ 1962, MSc (Agrl Entomology) Agra Univ 1964; *Exp* Sr Asst (Entomology) Sugarcane Breeding Inst, Coimbatore Jan-Apr 1965; *Specln* Insect Toxicology and Sugarcane Plantation; *Hobb* Collection of insects; *Av'ble* for employment abroad (notice—three months); *Add* Care Dr L.T Rajkondawar, At & P.O Wani, Distt Yeotmal (Maharashtra).

RAJORHIA, GHANSHIAM SINGH; Asst Prof Dairy Science U.P Agrl Univ, Pantnagar since 1962; *b* 1 Oct 1939, Umrari, Distt Bulandshahr (U.P); *Edn* Dip in Canning & Dehydration of Fruits & Vegetables 1956, BSc (Agri) and MSc (Agri) Agra Univ 1957 & 1959, Advanced Trg in Dairy Resch National Dairy Resch Inst, Karnal 1964, Advanced Trg in Microbiology U.P Agrl Univ, Pantnagar 1965; *Exp* Prof & Head Animal Husbandry & Dairying Deptt Janta Agri Degree Coll, Ajitmal (U.P) 1959-62; *Mem* Faculty of Agri U.P Agrl Univ; *Pub* Five papers published in reputed journals and 12 articles in leading papers; *Specln* Chemistry and Techy of Milk and Milk Products; *Hobb* Reading of journals & periodicals, travelling and resch; *Listed* 'Men of Sciences & Technology

in India' (Premier Publishers India); *Add* Vill Umrari, P.O Dharampur, Distt Bulandshahr (U.P).

RAJYA, (DR) BHAGWAN SARAN; Prof & Head Pathology Deptt U.P Coll of Vety Science & Animal Husbandry, Mathura since Dec 1964; *b* 10 Jul 1924, Etah; *Edn* BSc Agra Univ 1945, GBVC, Patna 1949, BVSc & AH, MVSc and PhD Agra Univ 1954, 1958 and 1963, FRVCS (Sweden) 1964; *Exp* Vety Asst Surgeon 1949-50, Demonstrator 1950-56, Lecturer Pathology 1958-61, Asst Prof Pathology U.P Coll of Vety Science & Animal Husbandry, Mathura 1961-64; *Pub* 12 resch papers published in reputed journals of India & abroad and also four reports; *Specln* Pathology of Animal Diseases; *Hobb* Games (tennis & cricket) and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Holigate, Etah (U.P).

RAKSHPAL, (DR) R; Reader Zoology Lucknow Univ; *b* 22 Nov 1915, Pilibhit; *Edn* BSc, MSc & PhD Lucknow Univ 1936, 1938 & 1941, PhD McGill Univ (Canada) 1961, DSc Lucknow Univ 1964; *Exp* Locust Tech Officer (Govt of India) 1942-44, Entomologist (Govt of Gwalior) 1944-46, Lecturer Zoology Lucknow Univ 1946-55; *Mem* Indian Science Congress Assn; *Fellow* Indian Entomological Socy and Royal Entomological Socy, London; *Pub* Six tech books entitled 'Periplaneta Americana', 'Selected Topics from Invertebrate Zoology', 'Keeton Me Samajik Jeevan' (Hindi), 'General Genetics' by Adrian M. Srb & Ray D. Owen (translated in Hindi), '25 000 Words for Hindi Vishwakosh' & 'Biological Abstracts', 43 resch papers and a number of zoological articles in English and Hindi; *Visited* Canada, USA, UK, Holland, France, Italy, Switzerland, Greece Egypt, Iran and Serya; *Specln* Entomology; *Hobb* Writing popular articles; *Av'ble* for employment abroad (notice—three months); *Listed* 'Who's Who in British Sciences' and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Reader, Department of Zoology, Lucknow University, Lucknow (U.P).

RAMACHANDRAN, (DR) M; Asso Prof Agrl Economics Agrl Coll & Resch Inst, Coimbatore since Mar 1965; *b* 6 Jul 1926; *Edn* BSc (Agri) Madras Univ 1948, MA Nagpur Univ 1953, PhD Iowa State Univ (USA) 1962; *Exp* Secy Tirunelveli Market Committee 1953-56, Marketing Officer Indian Central Oilseeds Committee 1956-58, Lecturer Agrl Economics Agrl Coll, Coimbatore 1959-61, Asst Marketing Officer Agri Deptt, Madras Jan-Jul 1963, Lecturer Agri Agrl Coll, Coimbatore 1963-65; *Mem* The American Economic Assn, The American Farm Economic Assn and Academy of Agrl Sciences; *Pub* Six scientific papers in Agrl Economics and Farm Management published in leading journals of India and abroad; *Visited* USA, UK and France; *Knows* French; *Specln* Agrl Production Economics and Rural Sociology; *Hobb* Stamp collection and photography;

Av'ble for employment abroad (for a short assignment only); *Add* 69 West Tiruvenkataswamy Road, P.O R.S Puram, Coimbatore 2 (Madras State).

RAMACHANDRAN, PAYYALUR KRISHNAIER; Prof Pathology Indian Vety Resch Inst, Izatnagar since 1963; *b* 29 Jan 1929, Mukteswar Kumaon; *Edn* BSc Agra Univ 1948, BVSc Madras Univ 1952, MRCVS Edinburgh Univ (UK) 1955; *Exp* Asst Prof Vety Coll, Mathura 1956-57, Asst Resch Officer Indian Vety Resch Inst, Izatnagar 1957-63; *Mem* Indian Vety Assn, British Vety Assn and Royal Coll of Vety Surgeons of Great Britain; *Pub* 14 resch papers published in reputed scientific journals; *Specln* Vety Pathology; *Hobb* Photography; *Av'ble* for employment abroad under FAO (notice—six months); *Add* 'Padmalayam', Tattamangalam, Distt Palghat (Kerala).

RAMACHANDRAN, (DR) S; Sr Scientific Officer I Resch Deptt H.A Ltd, Poona since 1961; *b* 9 Sep 1934, Madras; *Edn* BSc Madras Univ 1955, MSc (Agri) B.H Univ 1957, PhD Illinois Univ (USA) 1960; *Exp* Resch Asso Illinois Univ (USA) 1960-61; *Mem* Sigma Xi (USA) and Socy of Biological Chemists (India); *Pub* 22 resch papers in journals of repute; *Visited* USA and European Countries; *Knows* German and French; *Specln* Antibiotics; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 4 South Avenue, Srinagar, Madras 15.

RAMACHAR, (DR) P; Lecturer Botany Secunderabad Coll of Arts & Science Osmania Univ since 1961; *b* 26 Jul 1926, Mysore; *Edn* MSc Osmania Univ 1951, MS Purdue Univ (USA) 1958, PhD Osmania Univ 1961; *Mem* Indian Botanical Socy and the Mycological Socy of America; *Pub* Eight papers published in Indian & foreign scientific journals of repute; *Visited* USA; *Knows* German; *Specln* Mycology with special reference to the Taxonomy and Biology of Rust Fungi (Uredinales); *Hobb* South Indian Carnatic classical music; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 3-4-428, Narayanaguda, Hyderabad 29 (A.P).

RAMAKRISHNAN, (DR) P. S; Lecturer Botany Panjab Univ since 1962; *b* 24 Dec 1936, Palayanoor; *Edn* BSc Madras Univ 1955, MSc and PhD B.H Univ 1957 and 1959; *Exp* Lecturer Botany Meerut Coll, Meerut 1960-61, Lecturer Botany Christ Church Coll, Kanpur 1961-62; *Mem* British Ecological Socy, Indian Botanical Socy, Indian Science Congress Assn, National Academy of Sciences and International Socy for Tropical Ecology; *Pub* 35 papers published in journals of repute and one tech

report; *Knows* German; *Specln* Plant Ecology (Weed Ecology); *Hobb* Music and trekking; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Botany, Panjab University, Chandigarh 3 (Punjab).

RAMALINGESWARARAO, KANDULA; Instructor Botany S.V Univ Coll, Tirupati since 1963; *b* 19 Sep 1935, Eluru (A.P); *Edn* BSc Andhra Univ 1956, MSc S.V Univ 1962; *Exp* Demonstrator Botany Sir C.R.R Coll, Eluru and S.V Univ, Tirupati 1956-60 and 1962-63; *Specln* Metabolism in Developing Seeds (Plants Physiology); *Hobb* Plant collection; *Av'ble* for employment abroad (notice—one month); *Add* Nunnavari Street, Eluru (A.P).

RAMAMURTHY, ANAM KANNAYYA; Asst Lecturer S.V Agrl Coll, Tirupati; *b* 1 Jul 1939, Nagari; *Edn* BSc (Agri) Andhra Univ 1961; *Exp* Agrl Asst and Millet Asst 1961-62 and 1962-63 (Interested in Crop Breeding Work); *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* P.O Nagari, Distt Chittoor (A.P).

RAMANARAO, BOMMAGANTI VENKATA; Reader Agrl Botany Coll of Agri, Rajendranagar (A.P Agrl Univ Service) since 1942; *b* 9 Oct 1913, Ramapur (A.P); *Edn* BSc (Malviya Gold Medallist in Botany) and MSc B.H Univ 1932 and 1934; *Exp* Resch Asst (Economic Botany) Hyderabad Govt 1942-46; *Editor* Telugu Dictionary; *Pub* Ten resch papers published in journals of repute, 'Biographies of Scientists' (in Telugu) and one tech report, Editor Botany Section of Concise Telugu Encyclopaedia (Hyderabad); *Visited* USA; *Specln* Cytogenetics & Radiation Genetics of Crops; *Hobb* Writing popular books & articles in journals and giving talks on radio; *Av'ble* for employment abroad (notice—four months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 19/4 RT, L.I G.H, Barkatpura, Hyderabad (A.P).

RAMAPPA, BANGALORE SANJEEVAPPA; Asst Resch Officer (Poultry Breeding) Indian Vety Resch Inst, Izatnagar; *b* 11 Jul 1929, Bangalore; *Edn* BSc (Agri) Mysore Univ 1953, MS (Poultry Science) Univ of Connecticut (USA) 1959; *Exp* Asst Chemist & Manure Officer Agri Deptt, Bangalore Apr-Nov 1954 & Jan-Apr 1956, Lecturer Zoology & Entomology Agrl Coll, Hebbal Jan-Sep 1957, Grad Asst Poultry Science Deptt Stores, Connecticut (USA) 1957-59, Production Supervisor Pierce Hollow Farm, Southbury Conn (USA) 1959-60, Resch Technician Babcock Poultry Farms, Ithaca N.Y (USA) 1960-62; *Mem* Poultry Science Assn (USA) and American Inst of Biological Science Assn (USA); *Life Mem* All India Young Farmers Assn, New Delhi (Visited USA as a Farm Boy 1956); *Pub* Three popular articles published

in Indian Poultry Gazette; *Visited* USA, England, France, Germany, Switzerland, Italy, Egypt and Iran; *Specln* Poultry Husbandry and Breeding; *Hobb* Photography, cricket, hockey and table-tennis; *Av'ble* for employment abroad (notice—one month); *Add* S.N Estate, P.O Jalahalli, Bangalore 13 (Mysore State).

RAMARAO, YELLAYI; Asst Resch Officer Central Inland Fisheries Resch Inst since 1963; *b* 20 Jul 1932, Visakhapatnam; *Edn* BSc (Hons) and MSc Andhra Univ 1956 and 1962; *Exp* Fishery Resch Officer, Deptt of Animal Husbandry & Fisheries (A.P) 1956-57, Survey Asst & Resch Asst Central Inland Fisheries Resch Inst 1957-63; *Sessional Mem* Indian Science Congress; *Pub* Two short stories and a drama; *Knows* German; *Specln* Fishery Biology, Biological Oceanography and Ecology; *Hobb* Pursuit of knowledge in history, astronomy and literature; *Av'ble* for employment abroad (notice—three months); *Add* Care Capt Y. S Sastry, 16.8.15 Official Colony, Visakhapatnam (A.P).

RAMASWAMY, (DR) KUMANDUR RAGHAVACHAR; Zoology Deptt Karnatak Univ since 1961; *b* 28 Jan 1928, Distt Bangalore; *Edn* BSc (Hons) & MSc Mysore Univ 1948 & 1949, PhD Nagpur Univ 1960; *Exp* Head Zoology Deptt G.S Coll of Science & Agri, Khamgaon 1949-52, Head Zoology Deptt Hislop Coll, Nagpur 1952-61; *Mem* Indian Science Congress Assn, Indian Zoological Socy, Indian Socy for Studies in Reproduction, National Academy of Sciences of India and Bombay Natural History Socy; *Pub* Articles in magazines & science journals, also booklets; *Specln* Special Cytology, Embryology, Mammalogy and Physiology of Reproduction; *Hobb* Indian medicine, photography, palmistry, astrology and reading; *Av'ble* for employment abroad (notice—one to three months); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Sri K. R Raghavachar, Advocate, 8 KV Lane, Akkipet, Bangalore 2 (Mysore State).

RAMCHANDRA; Mem-Secy (Storage Committee) Food Corporation of India, Madras; *b* 10 Mar 1921, Kanpur; *Edn* BSc (Agri) Agra Univ 1942, MA (Economics) Panjab Univ 1950, LLB Delhi Univ 1956, Cert Specialisation Inspection & Marketing and Agrl Communications Kansas and Ohio State Univs (USA) 1961-62; *Exp* Asst Director (Storage & Inspection), Deputy Director (Storage & Tech) and Jt Director (I/c Storage, Administration, Accounts, Flour Milling & Vigilance Officer) Min of Food & Agri, New Delhi 1945-52, 1952-62 and 1963-65; *Mem* Entomological Socy of USA; *Pub* A paper 'Flour Milling Industry—Its Development & Improvement in India', several popular articles and report on Grain Storage & Inspection and Marketing (unpublished); *Visited* Pakistan, Tunisia and USA; *Specln* Grain Storage, Inspection

& Marketing, Flour Milling and Commercial Handling of Foodgrains; *Hobb* Chess and reading books; *Av'ble* for employment abroad (notice—three months); *Add* Care Prof S. N Nigam, 17 Park Area, East Park Road, Karol Bagh, New Delhi 5.

RANADE, VISHWANATH DATTATREYA; Lecturer Zoology Faculty of Science Baroda Univ since 1949; *b* 1 Sep 1905, Tarapur (Maharashtra); *Edn* MSc (Zoology) Allahabad Univ 1931; *Exp* Demonstrator Zoology Karnatak Coll, Dharwar 1934-36, Demonstrator Zoology Baroda Coll, Baroda 1936-44, Lecturer Zoology Baroda Coll, Baroda and Visnagar Coll, Visnagar 1944-49; *Pub* One paper in Allahabad Univ Journal; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India), *Add* Babji Sadan, Soorsagar North, Baroda 1 (Gujarat).

RANADIVE, (DR) SHARADCHANDRA JAGANNATH; Soil Physicist Sugarcane Resch Stn, Padegaon; *b* 3 Mar 1924, Karachi; *Edn* BSc (Agri) Bombay Univ 1947, MSc (Agri) Poona Univ 1959, PhD IARI, New Delhi 1963; *Mem* Indian Socy of Soil Science; *Pub* Seven resch papers in leading journals; *Knows* French; *Specln* Soil Science, Agrl Chemistry and Irrigation Work connected with Sugarcane and Paddy Crops; *Av'ble* for employment abroad (on deputation only); *Listed* National Register (CSIR); *Add* Radha Niwas, Deccan Gymkhana, Poona 4 (Maharashtra).

RANGANATH, KUDRATHAYA ANANTHARAMAYYA; Sr Scientific Asst Central Food Technological Resch Inst, Mysore; *b* 25 Feb 1938; *Edn* BA Mysore Univ 1959, BSc (Agri) (Hons) and MSc (Agri) Karnatak Univ 1962 and 1964; *Mem* Assn of Food Technologists in India; *Pub* 'Rice in India : A Techno-Economic Review' (in collaboration), 'Dormancy of Seeds' and 'Fertilizing Rice' (to be published); *Specln* Agronomy; *Hobb* Hunting, gardening, bee-keeping, etc; *Av'ble* for employment abroad (notice—two months); *Add* Post Bhagamandala, Distt Coorg (Mysore State).

RANGANATHAN, (Dr) B; Asso Prof Microbiology Dairy Science Coll, Karnal; *b* 10 Feb 1924, Bangalore; *Edn* BSc (Hons) Mysore Univ 1944, MSc and PhD Bombay Univ 1947 and 1951; *Exp* Resch Asst Indian Inst of Science, Bangalore 1944-58, Sr Scientific Asst National Chemical Lab, Poona 1958-61, Asst Prof Microbiology National Dairy Resch Inst, Karnal 1961-63; *Mem* Indian Dairy Science Assn; *Pub* 24 papers on 'Yeast Cytology', 'Yeast Genetics', 'Yeast Nutrition', etc published in Indian and foreign journals of repute; *Visited* USA; *Av'ble* for employment abroad (notice—three months); *Add* Care Prof M. Sreenivasaya, No. 51, 17th Cross Road, Malleswaram, Bangalore (Mysore State).

RANGASWAMI, (Dr) GOVINDACHETTY; Dean Faculty of Agri Annamalai Univ since 1963; *b* 10 May 1925 (Madras State); *Edn* BSc (Agri) Madras

Univ 1946, MSc Indian Agrl Resch Inst, New Delhi 1953, PhD Rutgers (USA) 1956; *Exp* Resch Asst Madras Agrl Deptt 1946-58, Prof Annamalai Univ 1958-65; *Fellow* Indian Academy of Sciences (India) and Indian Phytopathological Socy; *Mem* American Biological Inst and American Phytopathological & Mycological Socys; *Pub* Three books on Microbiology, 130 scientific papers in Indian & foreign journals; *Visited* USA and Europe; *Knows* German and French; *Specln* Plant Pathology and Microbiology; *Hobb* Gardening; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* C-27 Fairlands, Salem Town, Distt Salem (Madras State).

RANHOTRA, (DR) GURBACHAN SINGH; Pool Officer Punjab Agrl Univ, Hissar; *b* 8 Aug 1935, Abbotabad (W.Pak); *Edn* BVSc & AH and MVSc Agra Univ 1958 and 1960, PhD Univ of Minnesota (USA) 1964; *Exp* Resch Asst A.H Deptt Univ of Minnesota 1960-64, Post-Doctoral Resch Asso A.H Deptt Univ of Illinois (USA) 1964-65; *Mem* Gamma Sigma Delta, Sigma Xi (USA) and American Socy of Animal Sciences; *Pub* Six papers published in journals of repute and two theses; *Visited* USA, UK, France, Switzerland, Italy and UAR; *Knows* German; *Specln* Nutritional Biochemistry; *Hobb* Reading and travelling; *Av'ble* for employment abroad (notice —a few months); *Add* Care Dr Moti Singh, Kunraghat, Gorakhpur.

RANJHAN, SURENDRA KUMAR; Officer I/c Pasture & Forage Resch Div U.P Vety Coll, Mathura (U.P); *b* 13 Oct 1934, Bannu (W.Pak); *Edn* BVSc & AH and MVSc Agra Univ 1956 and 1960, MS Illinois Univ (USA) 1962; *Exp* Demonstrator & Lecturer Animal Husbandry 1956-63 & 1963-64; *Mem* American Socy of Animal Production; *Pub* Nine papers published in reputed journals of India & abroad, also popular articles on Animal Feeding, worked on Problems related to Animal Feeding in the country; *Visited* USA, UK, France, Cairo, Italy, Germany & Switzerland; *Specln* Animal Nutrition; *Av'ble* for employment abroad (notice—one month); *Listed* List of Returned Participants from USA in USAID Programme; *Add* 7144 Idgah Railway Road, Katghar, Distt Agra (U.P).

RAO, (DR) ANNAMANENI SESHAGIRI; Reader Botany Deptt S.V Univ since 1963; *b* 5 Mar 1933, Edugundlapadu (A.P); *Edn* BSc (first class), MA & MSc (first class) Madras Univ 1952, 1954 & 1955, PhD Univ of Cambridge (UK) 1958; *Exp* Lecturer Botany S.V Univ 1959-63; *Mem* British Mycological Socy, Indian Botanical Socy, Indian Phytopathological Socy and Assn of Microbiologists of India; *Pub* Four resch papers published in various scientific journals of repute; *Specln* Plant Pathology and Soil Microbiology; *Hobb* Photography and general reading; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Edugundlapadu, Via Ongole, Distt Guntur (A.P).

RAO, (DR) ARIKAPALLI RAMACHANDRA; Sr Resch Fellow (CSIR) Nutrition

Resch Labs, ICMR, Hyderabad since 1965; *b* 21 Oct 1934, Vijayawada (A.P); *Edn* BVSc Osmania Univ 1956, MVSc Agra Univ 1960, Expecting PhD Degree from Agra Univ 1965; *Exp* Veterinarian (Govt of Rajasthan) 1957-58, Lecturer Vety Coll Osmania Univ, Hyderabad 1960-62, Resch Fellow ICMR Nutrition Resch Labs, Hyderabad 1962-64; *Mem* Indian Science Congress Assn, Socy of Biological Chemists of India, Indian Socy for the Study of Reproduction, Assn of Physiologists & Pharmacologists of India, Andhra Pradesh Photographic Socy and Andhra Pradesh Vety Assn; *Pub* Five resch papers published in reputed scientific journals and many more to be published shortly, contributed three popular articles to 'Telugu Encyclopaedia', MVSc thesis on 'A Study of Some Chemical Constituents in the Blood of Growing Buffalo-Calves', PhD thesis on 'Species Differences in Susceptibility to Atherosclerosis'; *Knows* French; *Specln* Atherosclerosis, Fat Metabolism, Hematology, Physiology, Nutrition and Biochemistry; *Hobb* Photography; *Av'ble* for employment abroad (notice—two months); *Add* 1-1-214/2 Viveknagar Chikkadpalli, Hyderabad (A.P).

RAO, BARU MARUTHI; Lecturer Chemistry S.V Agrl Coll Agrl Univ, Tirupati since Mar 1965; *b* 4 Jun 1938, Bombay; *Edn* BSc (Agri) and MSc (Agri) Osmania Univ 1961 and 1963; *Exp* Asst Lecturer Chemistry Coll of Agri, Hyderabad 1963-65; *Pub* Thesis entitled 'Studies on the Base Exchange Properties of Local Red and Black Soils'; *Visited* Ceylon; *Knows* French; *Hobb* Reading journals, stamp collection and photography; *Av'ble* for employment abroad (notice—six months); *Add* 4-1-300 Troop Bazar, Hyderabad 1 (A.P).

RAO, C. ANANDARAMA; Asst Director (Vanaspati) Directorate of Sugar & Vanaspati (Min of Food & Agri), New Delhi since 1958; *b* Jul 1909, Bangalore; *Edn* BSc Mysore Univ 1931, MSc (Chemistry) (By Resch) Dacca Univ 1933; *Exp* Chief Chemist Health Office, Mysore 1934-53, Inspector V.O.P Controller's Office, New Delhi Jul-Aug 1956, Inspector (Vanaspati), Calcutta 1953-57, Inspector (Vanaspati), Bombay 1957-58; *Mem* Indian Science Congress Assn & Exec Council of Oil Technologists' Assn of India; *Vice-Pres* Oil Technologists' Assn of India (Delhi Branch); *Pub* About ten resch papers published in reputed journals; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* H 82 Sarojini-nagar, New Delhi 3.

RAO, C. SATISH; *b* 18 Jun 1940, Kasaragod; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1960 and 1963; *Exp* Soil Survey Asst Agrl Coll & Resch Inst, Coimbatore Jan-Jul 1961; *Specln* Agrl Botany (Cytogenetics & Plant Breeding); *Hobb* Newspaper reading and listening to radio;

Av'ble for employment abroad (notice—six months); *Add* 4/85 Court Road, Kasargod, Distt Cannanore (Kerala).

RAO, CHALASANI VENKATESWARA; Reader Animal Husbandry Vety Coll, Hyderabad since 1957; *b* 13 May 1918, Velpur, (Vijayawada); *Edn* GMVC Madras Vety Coll 1942, BVSc & MSc Madras Univ 1943 & 1948, MS Kansas State Univ 1958; *Exp* Asst Lecturer and Lecturer Animal Husbandry 1943-51 and 1952-1957; *Mem* Indian Vety Assn; *Pub* 'Textbook of Dairy Science' (under print), six articles in reputed journals, also contributed articles to Telugu Encyclopaedia; *Visited* USA; *Specln* Animal Nutrition and Dairy Husbandry; *Av'ble* for employment abroad (notice—three months); *Listed* Teachers of Agriculture in India; *Add* P.O Velpur, Taluq Vijayawada, Distt Krisna (A.P).

RAO, DARISIPUDI SURYA PRAKASA; Natural Science Asst P.H.S Schl, Polavaram since 1961; *b* 2 May 1937, Gollaprolu (A.P); *Edn* MSc (Botany) Saugar Univ 1960, Visarad Dakshina Bharat Hindi Prachar Sabha, Madras 1965; *Exp* Demonstrator Botany Deptt Masulipatnam, Distt Krisna (A.P) Jul-Aug 1961; *Knows* German; *Specln* Plant Pathology; *Hobb* Lib reading and games; *Av'ble* for employment abroad (notice—two months); *Add* Care Shri D. Krishnamurty, Gollaprolu, Distt East Godavari (A.P).

RAO, JIVANNA SAKHARAM; Reader Plant Physiology Agrl Coll & Resch Inst, Coimbatore since Apr 1964; *b* 21 Dec 1923, Coimbatore; *Edn* BSc & MSc Madras Univ 1945 & 1951, MS Univ of Tennessee (USA) 1960; *Exp* Asst Lecturer Botany Agrl Coll, Coimbatore 1946-56, Lecturer Botany 1956-64; *Mem* Academy of Agrl Sciences, Coimbatore, American Socy of Agronomy and Madras Agrl Students' Union; *Pub* 'Handbook of S. Indian Weeds' (1955) and 35 papers published in standard journals; *Visited* USA under USAID Programme; *Specln* Plant Physiology—Weed Control; *Hobb* Playing on violin, photography and cartooning; *Av'ble* for employment abroad (with the permission of Govt); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India'(Premier Publishers India); *Add* Tanjore House, Lokamanya Street, Coimbatore 2 (Madras State).

RAO, (DR) JIVANNA THULJARAM; Director Sugarcane Breeding Inst, Coimabtore since 1961; *b* 5 May 1919, Coimbatore; *Edn* MA, MSc and PhD Madras Univ 1939, 1942 and 1949; *Exp* Asst Botanist Sugarcane Breeding Inst 1952-56, Asst Sugarcane Expert 1956-57, Agronomist Indian Inst of Sugarcane Resch 1957-59, Botanist Sugarcane Breeding Inst 1959-61; *Mem* International Socy of Sugarcane Technologists and Indian Journal of Genetics & Plant Breeding; *Pub* Two books and 50 scientific papers in reputed journals; *Visited* USA, Uganda, Kenya and Mauritius; *Specln* Sugarcane Breeding, Genetics and Botany; *Hobb* Gardening; *Listed* 'Men

of Sciences & Technology in India' (Premier Publishers India); *Add* Director, Sugarcane Breeding Institute, Coimbatore 7 (Madras State).

RAO, NAIDU VENKAT; Lecturer Pharmacology Coll of Vety Science Osmania Univ; *b* 19 Jun 1935, Hyderabad; *Edn* BVSc Osmania Univ, MS Kansas State Univ (USA); *Mem* A.P Animal Husbandry Assn, Socy of Physiologists & Pharmacologists of India and Osmania Univ Teachers' Assn; *Visited* USA, UK, France and Germany; *Specln* Vety Pharmacology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* House No. 2-1-254 Nallakunta, Hyderabad 20 (A.P).

RAO, SARIPALLI BHASKARA; Lecturer Botany R.C.M Science Coll, Khallikote (Orissa) since Jul 1964; *b* 1 Jul 1941, Parvatipuram, Distt Srikakulam; *Edn* BSc (first class) and MSc (first class) Andhra Univ 1960 and 1963; *Exp* Demonstrator and Lecturer Botany M.R Coll, Vizianagram 1960-61 and 1963-64, Studying the Flora of Khallikote with the suggestion of Dr J. Venkanna Pantulu, Reader Botany Andhra Univ, Waltair; *Knows* German; *Specln* Cytology and Cytogenetics; *Hobb* Plant collection; *Av'ble* for employment abroad (immediately); *Add* Care Shri K. Gangaraju, Near Bus Stand, Parvatipuram, Distt Srikakulam (A.P).

RAO, S. MADHAV; Garden Supdt (Retd) Archaeological Gardens in India, New Delhi; *b* 7 Oct 1901, Mysore; *Edn* BA Madras Univ 1924, BAg Bombay Univ 1929, MS (Horticulture) California Univ (USA) 1947; *Exp* Manager Govt Botanic Gardens, Ootacamund, Govt Fruit Resch Stn, Kodur and Botanic Garden & Orchards, Coimbatore 1930-43, Govt Fruit Specialist, Madras and Asst Curator, Ootacamund Botanic Gardens 1944-46, On deputation to USA, Canada, UK and Europe for Trg and Study 1946-48, Curator Govt Botanic Gardens, Parks & Govt House Gardens, Ootacamund 1948-49, Re-employed Horticultural Officer Heavy Electricals Ltd, Bhopal 1959-63 (Also acted as Horticultural Consultant to Australian High Commission, New Delhi); *Mem* New Delhi Landscape Committee, Committee of Courses in Gardening for Higher Sec Edn, Delhi, Meets on Tourism, etc; *Visited* Leading Horticulturists and Horticulture Resch Stns in India & abroad; *Specln* Ornamental Horticulture, Landscape Design and Fruit Culture; *Hobb* Hony professional consultancy (Medallist in gymnastics and athletics, ever-keep-fit "Yogic" exercises at present with occasional demonstrations); *Av'ble* for employment abroad (notice—three weeks); *Add* 'HARI PRASAD' No. 20, 1st Main Road, Maruthi Extension, Srirampuram, Bangalore 21 (Mysore State).

RAO, YEDATORE SUBBA; Asso Prof Animal Husbandry & Dairying B.R

Coll, Agra since 1958; *b* Dec 1913, Mysore; *Edn* BSc Mysore Univ 1933, BS (Agri) Bombay Univ 1936, MSc (Agri) Agra Univ; *Exp* Resch Asst Agrl Chemistry Inst of Plant Industry, Indore 1936-45, Resch Asst Biochemistry, Indore 1945-49, Asst Prof Animal Husbandry & Dairying B.R Coll, Agra 1949-58; *Mem* Indian Dairy Science Assn; *Ex-mem* American Dairy Science Assn; *Pub* Various papers in Indian Journal of Dairy Science; *Visited* USA; *Knows* German; *Specln* Dairy Microbiology, Biochemistry and Dairy Chemistry; *Hobb* Music, photography and science literature of all types; *Add* Department of Animal Husbandry & Dairying, B.R Coll, Agra (U.P)

RATH, (DR) NILAKANTHA; Reader Economics Gokhale Inst of Politics & Economics, Poona since 1961; *b* 27 Sep 1929, Atgarh (Orissa); *Edn* BA (Hons) Utkal Univ 1949, MA (Economics) and PhD (Economics) Poona Univ 1951 and 1960; *Exp* Resch Asst and Lecturer Gokhale Inst of Politics & Economics, Poona 1951-61; *Mem* Indian Socy of Agrl Economics; *Pub* 'Economics of a Multipurpose River Dam' (in collaboration); *Visited* USA; *Specln* Agrl Economics; *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Gokhale Institute of Politics & Economics, Poona 4 (Maharashtra).

RAUT, (DR) RAMNARAYAN; Resch Fellow (CSIR) Botany Deptt Indian Agrl Resch Inst, New Delhi since Oct 1962; *b* 1 Jul 1939, Gurandi (Orissa); *Edn* BSc (Agri) Utkal Univ, MSc and PhD Post-Grad Schl Indian Agrl Resch Inst; *Exp* Jr and Sr Resch Asst 1958-59 and 1961-62; *Mem* Indian Socy of Genetics; *Pub* Seven papers published in journals of repute and two popular articles; *Knows* French; *Specln* Cytogenetics; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* At & P.O Gurandi, Distt Ganjam (Orissa).

RAY, BIBHAS RANJAN; Grad Student, Working for PhD in Agronomy in the field of Weed Science Univ of Florida (USA); *b* 1 Aug 1935, Burdwan (W.B); *Edn* BSc Calcutta Univ 1955, BSc (Agri) B.H Univ 1958, MSA Univ of Florida (USA) 1964; *Exp* Agrl Extension Officer Directorate of Agri (Govt of W.B) 1958-62; *Mem* Weed Socy of America, Southern Weed Control Conference (USA) and Indian Agrl Socy, Calcutta; *Pub* Thesis on 'Weed Control in Sorghum'; *Visited* USA; *Knows* French and German; *Specln* Weed Science; *Hobb* Photography; *Av'ble* for employment abroad; *Add* 4 Shyam Sagar (South) Burdwan (W.B).

RAVINDRAN, KANECHAMKANDY; Asst Resch Officer Central Inst of Fisheries Techy, Cochin since 1963; *b* 2 Mar 1940, Kozhikode; *Edn* BSc & MSc Kerala Univ 1960 & 1962, Grad Indian Socy of Engrs 1964; *Exp*

Lecturer Chemistry Malabar Christian Coll, Kozhikode 1962-63; *Asso Mem* Indian Socy of Engrs; *Pub* Co-author of one resch paper presented at the symposium on Marine Paints, organized by the Research and Development Organisation (Min of Defence), Bombay; *Specln* Chemistry; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Green Island, 5/1575 Kiliyanad School Road, Kozhikode 1 (Kerala).

RAY, BIRENDRA NATH; Resch Asst Indian Vety Resch Inst, Izatnagar (U.P); *b* 21 Jul 1938, Calcutta; *Edn* BSc and BVSc & AH Calcutta Univ 1958 and 1963, MVSc Agra Univ 1965; *Pub* One resch paper in a reputed journal; *Specln* Reproductive Physiology; *Hobb* Sports & games, writings and reading scientific publications; *Av'ble* for employment abroad (notice—three months); *Add* 74 Raja Nabakissen Street, Calcutta 5 (W.B).

RAY, (DR) NILACHAL; Sr Lecturer Agrl Botany Kalyani Univ since 1953; *b* 20 Jan 1937, Calcutta; *Edn* BSc (Agri), MSc (Agri) and DPhil Calcutta Univ 1957, 1959 and 1963; *Exp* Resch Scholar Agrl Socy, Calcutta and Seva-Bharati (W.B); *Pub* Two resch papers and one tech report published in scientific journals; *Knows* Russian and German; *Specln* Developmental Physiology and Breeding of Cereals; *Hobb* Recitation, debate, acting in dramas, etc; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Khargram, P.O Kharga-Karanda, Distt Burdwan (W.B).

RAY, (DR) SATYABRATA; Asst Agronomist Indian Agrl Resch Inst, New Delhi since 1963; *b* 16 Jan 1939, Nasirnagar (E.Pak); *Edn* BSc (Agri) Calcutta Univ 1956, MSc (Agri) B.H Univ 1959, PhD Indian Agrl Resch Inst 1963; *Mem* Indian Socy of Agronomy, Assn for Scientific Workers of India and Pusa Agrl Resch Socy; *Pub* One resch paper and one tech report; *Knows* German; *Specln* Soil-Water Management for Crop Production; *Hobb* Photography; *Add* M/s S. Roy & Sons, P.O Jhargram, Distt Midnapore (W.B).

REDDI, BANDIBEMLI SHIVALING; Lecturer Botany Coll of Arts & Science, Warrangal since 1957; *b* 7 Sep 1931, Bandibemli; *Edn* BSc and MSc (Botany) Osmania Univ; *Exp* Part-Time Lecturer Osmania Univ and Nizam Coll, Hyderabad 1955-56 and 1956-57; *Specln* Algae & Hydrobiology; *Hobb* Literature, philosophy and discussion; *Av'ble* for employment

abroad (notice—four months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Bandibemli, Via Taluqa Yadagiri (C.Rly), Distt Gulbarga (Mysore State).

REDDY, CHATTAMANCHI SUDHAKARA; Asst Lecturer Agrl Chemistry Deptt S.V Agrl Coll, Tirupati since 1963 ; *b* 6 Feb 1939, Bellary; *Edn* BSc Sri Venkateswara Univ 1957; *Exp* Soil Survey Asst N.S.P Soil Survey Scheme, Ongole 1957-61, Resch Asst (Chemistry) Agrl Coll, Poona 1961-63; *Hobb* Photography and drawing; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri V. Raghunath Reddy, Reddy & Reddy Colony, Tirupati, Distt Chittoor (A.P).

REDDY, (DR) GURJAL MADHAVA; Scientific Pool Officer (CSIR) Radiobiological Resch Unit Osmania Univ since 1964; *b* 16 Nov 1932; *Edn* BSc Osmania Univ 1955, MS Univ of Colorado (USA) 1958, PhD (Genetics) Univ of Missouri (USA) 1962; *Exp* Resch Asst Biology & Teaching Fellow Biology Univ of Colorado (USA) 1958 & 1958-59, Resch Asst Genetics Deptt of Fields Crops & Teaching Asst General Genetics Lab Univ of Missouri (USA) 1959-61 & 1962, Jr Resch Botanist & Post-Doctoral Fellow Univ of California (USA) 1962-63; *Mem* American Inst of Biological Sciences, Genetic Socy of America, American Assn for the Advancement of Science, Sigma Xi and Phi Sigma Socy; *Pub* Seven resch papers published in reputed international journals; *Visited* USA, UK, France, Italy and Egypt; *Specin* Genetics; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Radiobiological Research Unit, Osmania University, Hyderabad 7.

REDDY, MAHAKALA SUGUNAKAR; Resch Officer Coll of Agri, Hyderabad (A.P) since Feb 1964; *b* 30 Oct 1937, Vill Kanaparthy, Distt Karimnagar (A.P); *Edn* BSc, BSc (Agri) and MSc (Agri) Osmania Univ 1957, 1960 and 1962; *Exp* Instructor and Jr Resch Fellow (CSIR) Coll of Agri, Hyderabad 1962-63 and 1963-64; *Mem* Indian Phytopathological Socy; *Pub* One paper on 'Adoptation of Fungi to Fungicides'; *Visited* Ceylon; *Specln* Plant Pathology (Fungicides); *Hobb* Bird and wild life watching and reading; *Av'ble* for employment abroad (notice—two months); *Add* P.O Kanaparthy, Via Jamnikunta (C.Rly), Distt Karimnagar (A.P).

REDDY, P. S; Doing PhD in Cytogenetics (Agrl Botany) from Poona Univ since 1963; *b* 1 Jul 1937, Nellore (A.P); *Edn* BSc (Agri) Andhra Univ 1960, MSc (Agri) (first class first) Karnatak Univ 1963, Cert in French Poona Univ 1965; *Student Mem* Indian Science Congress Assn; *Pub* One scientific paper on 'Chemical Weed Control in Sorghum'; *Knows* French; *Specln* Cytogenetics; *Add* 14/186 Kapu Street, Nellore (A.P).

RICHHARIA, ARUN KUMAR; Working for PhD Degree at Central Rice Resch Inst, Cuttack (Orissa); *b* 22 May 1941, Nagpur (Maharashtra); *Edn* BSc (Agri) Jabalpur Univ 1960, MSc (Agri) Utkal Univ 1962; *Mem* Rice Resch Workers' Assn, Cuttack; *Pub* Four resch papers published in leading scientific journals; *Specln* Cytogenetics and Plant Breeding; *Hobb* Still photography; *Av'ble* for employment abroad (notice—six months); *Add* Vill Nandarwara, Tehsil Seoni Malwa, Distt Hoshangabad (M.P).

ROLLA, SESHAGIRI RAO; Regional Botanist (Western Circle) Botanical Survey of India, Poona since 1960; *b* 19 Aug 1921; *Edn* BSc Andhra Univ 1940, MSc Agra Univ 1942; *Exp* Lecturer Botany P.R Coll, Kakinada 1942-50, Systematic Botanist Botanical Survey of India, Calcutta 1950-55, Regional Botanist Eastern Circle, Shillong 1956-59; *Mem* International Assn for Plant Taxonomy, International Organisation of Biosystematists, Indian Science Congress, etc; *Fellow* Linnean Socy of London and Indian Botanical Socy; *Pub* 'Botany of Maharashtra' (under completion), 60 papers published in journals of repute and various popular articles; *Visited* UK, France, Belgium, Netherlands and Switzerland; *Specln* Taxonomy, Cytotaxonomy. Economic Botany and Plant Geography; *Hobb* Football, tennis, mountaineering (Took part in Cho Oyu Expedition 1958), dramatics, classical music, etc; *Av'ble* for employment abroad (through Govt only); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Rolla House, Kakinada, Distt East Godavari (A.P).

ROONWAL, (DR) MITHAN LAL; Director Zoological Survey of India, Calcutta since 1956; *b* 18 Sep 1908, Jodhpur; *Edn* MSc (Hons) Lucknow Univ 1931, PhD and ScD Cambridge Univ (England) 1935 and 1962; *Exp* Chief Resch Officer Forest Resch Inst, Dehra Dun 1949-56; *Fellow & Ex-mem* Council of National Inst of Sciences of India; *Fellow & Ex-pres* Zoological Socy of India and Rajasthan Academy of Sciences; *Hony Fellow* Indian Academy of Zoology; *Pub* Several monographs on 'Locusts', 'Termites' and 'Lac Insects', about 200 resch papers published in scientific journals; *Visited* USA, European Countries, Brazil, W.Africa, Japan, Indonesia and Hawaii; *Knows* German; *Specln* Zoology (especially Toxonomy and Ecology); *Hobb* Reading English and Hindi literature; *Listed* Times of India Directory and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Director, Zoological Survey of India, 34 Chittaranjan Avenue, Calcutta 12 (W.B).

ROY, KANAKENDU; Asst Soil Conservation Officer (Engg) (Govt of India) since Jun 1965; *b* 21 May 1932, Distt 24 Parganas (W.B); *Edn* BTech (Hons) Indian Inst of Techy, Kharagpur 1957; *Exp* Engr Asst S.C Deptt

D V.C 1957-59, Asst Engr Agri Deptt (Govt of Tripura) 1959-65; *Mem* Soil Conservation Socy of India and Indian Socy of Agrl Engrs; *Pub* Thesis on 'Rural Housing Surveys & Improved Designs'; *Specln* Agrl Engg; *Hobb* Sight-seeing; *Av'ble* for employment abroad (notice—three months); *Add* Vill Malrameswarpur, P.S Baraset, Distt 24 Parganas (W.B).

ROY, (DR) DWIJENDRA NATH; Asst Tech Advisor Office of the Regional Director (Food), New Delhi since 1963; *b* 9 Feb 1927, Natra (W.B); *Edn* BSc & MSc Calcutta Univ 1949 & 1953, PhD Univ of Wisconsin (USA) 1960; *Exp* Resch Asst Univ of Wisconsin (USA) 1956-60, Asst Scientist UT-AEC-Agrl Resch Lab (USA) 1960-61, Pool Officer (CSIR) National Dairy Resch Inst, Karnal and Nutrition Resch Labs, Hyderabad 1962-63; *Mem* Phi Sigma Biologica Socy (USA) and Socy of the Sigma Xi (USA); *Pub* 11 resch papers published in scientific journals and five tech reports (unpublished); *Visited* USA; *Knows* French and German; *Specln* Organic Chemistry, Biochemistry and Poultry Husbandry; *Hobb* Photography and fishing; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Prasanna Kutir, P.O Natra, Distt 24 Parganas (W.B).

ROY, RAM SAGAR; Principal Bihar Agrl Coll & Regional Director Agrl Resch Inst, Sabour since 1959; *b* 1 Sep 1912, Sarairanjan (Darbhanga); *Edn* BSc B.H Univ 1935, MSc California Univ (USA) 1948; *Exp* Fruit Production Officer & Horticulturist (Bihar) 1949-55, Director Agrl Resch Inst, Ranchi & Patna 1955-56, Principal & Director Ranchi Agri Coll & Resch Inst, Kanke 1956-59; *Mem* International Horticultural Congress, American Socy of Horticulture Science, Indian Socy of Genetics & Plant Breeding, Indian Science Congress Assn, Indian Council of Agrl Resch, Sigma Xi Socy (USA), etc; *Chairman* Editorial Board Bihar Academy of Agrl Sciences, Sabour; *Pub* Two tech books, 56 resch papers, 50 tech reports and many other writings; *Visited* USA, UK, France and Switzerland; *Specln* Plant Breeding & Genetics of Fruit & Vegetable Crops; *Hobb* Reading, writing and group discussions on spiritual topics; *Listed* 'Men of Education in India' & 'Men of Sciences & Technology in India' (Premier Publishers India), National Register (CSIR), World List of Plant Breeders, Thacker Spink Directory and Who Knows What among Authorities & Experts—A USA Publication; *Add* Bihar Agricultural College, P.O Sabour, Distt Bhagalpur (Bihar).

ROY, (DR) SHUNIL E; Asst Prof Indian Inst of Techy, Kharagpur since 1961; *b* 18 Mar 1928, Cuttack (Orissa); *Edn* BSc (Agrl Engg) Allahabad Univ 1949, MS (Agrl Engg) and PhD Pennsilvania State Univ (USA)

1953 and 1956; *Exp* Lecturer Allahabad Agrl Inst, Allahabad 1949-50, Resch Asso Civil Engg Deptt Princeton Univ (USA) 1956-58, Head Agronomy Deptt Allahabad Agrl Inst, Allahabad 1958-61; *Mem* American Socy of Agronomy, Soil Science Socy of America, American Socy of Agrl Engg, Indian Socy of Agrl Engg, International Socy of Soil Sciences and Indian Socy of Soil Conservation; *Pub* 17 papers published in Indian and foreign journals of repute; *Visited* UK, France, Belgium, The Netherlands, Switzerland, Italy, UAR and USA; *Knows* German; *Specln* Soil Water Conservation Engg, Farm Machine & Power and Soil Physics; *Hobb* Electronics; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Kismet, Hazaribagh (Bihar).

S

SADANAND, ANAKKARA VADAKKATH; Lecturer Med Entomology Madurai Med Coll, Madurai since May 1962; *b* 23 Feb 1936, Kottakal; *Edn* BSc (Hons) and MA Madras Univ 1956 and 1957; *Exp* Asst Resch Scheme Bioassay of Insecticides Malaria Inst of India 1956-57, Tech Asst Storage Entomology Regional Directorate of Food, New Delhi 1957-59, Sr Entomologist Regional Malaria Orgn, Tanjore 1959-62; *Fellow* Indian Socy for Communicable Diseases, New Delhi; *Pub* 'Intergrading Forms of Musca Nebulo and Musca Vicina', prepared tech bulletins on the structure, life history, habits, control measures and economic importance of eight pests of stored food grains; *Specln* Entomology and Pesticides; *Hobb* Gardening, reading and pets; *Av'ble* for employment abroad (notice—one & a half months); *Listed* National Register (CSIR); *Add* Pannikote House, P.O Kottakal, Tirur R.S, Distt Kozhikode (Kerala).

SAHA, (DR) KALI CHARAN; Adviser Fisheries Development (Govt of W.B) since Nov 1964; *b* 1 Feb 1915, Dacca (E.Pak); *Edn* BSc, MSc & DSc Calcutta Univ 1935, 1937 & 1942, Higher Trg in Fish Techy & Preservation Torry Resch Stn, Aberdeen (Scotland); *Exp* Supdt, Asst Director, Jt Director and Director of Fisheries (Govt of W.B) 1944-47, 1947-52, 1952-53 and 1953-64, Delivered special course of lectures on Biochemistry & Nutrition to the Post-Grad Students in Applied Chemistry under Calcutta Univ, Delivered special course of Lectures on Fish Techy to the Trainees with the Inland Fisheries Trg Course of Govt of India, Acted as Examiner & Paper Setter in connection with the MSc Examination in Biochemistry (Calcutta Univ), Acted as Examiner Calcutta & Bombay Univs in connection with the DPhil Degree in Biochemistry on subjects relating to Biochemistry & Nutrition, Represented India as Fish Technologist as member in the Indo-Pacific-Fisheries Council Sub-Committee; *Pub* Two books on 'Khadya Bishleshan' and 'Mach Chaster Katha', 50 tech original papers on Fish & Fisheries and about a dozen popular articles on scientific topics; *Visited* UK; *Specln* Fisheries Development in General & Fish Techy in particular; *Hobb* Gardening; *Add* 162/73 Lake Gardens, Calcutta 45 (W.B).

SAHAI, RAMESHWAR; Retired Timber Adviser (Min of Railways), New Delhi; *b* 13 Jan 1905, Sitapur (U.P); *Edn* BSc & MSc Allahabad Univ 1925 & 1927, Dip Indian Forest Service 1929; *Exp* Worked in the Forests of Kerala, Madras, AndhraPradesh, Orissa, Bihar and Uttar Pradesh, Chief

Conservator of Forests (U.P Govt) 1956-61, Timber Advisor (Min of Railways), New Delhi 1961-63; *Pub* Five resch papers in reputed journals; *Specln* Forestry (Indian); *Hobb* Outdoor and indoor games; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Ramakrishan Marg, Off Faizabad Road, Lucknow (U.P).

SAHAI, (DR) RAJENDRA; Reader Botany Deptt Gorakhpur Univ since 1964; *Edn* BSc Lucknow Univ 1945, MSc Allahabad Univ 1947, PhD Agra Univ 1963; *Exp* Lecturer and Prof & Head Botany Deptt St Andrews Coll, Gorakhpur 1947-55 and 1955-58, Asst Prof Botany Gorakhpur Univ 1958-64; *Mem* National Academy of Sciences and International Socy for Tropical Ecology; *Fellow* Indian Botanical Socy; *Pub* One book on 'Introduction to Practical Botany' and five papers published in journals of repute and two more in press; *Specln* Plant Ecology, Taxonomy and Bryology; *Hobb* Photography and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 4 A Park Road, Civil Lines, Gorakhpur (U.P).

SAHAI, YADU NANDAN; Asst Prof Zoology Saugar Univ since 1961; *b* 4 Mar 1939, Gwalior; *Edn* BSc Vikram Univ 1959, MSc Saugar Univ 1963 (Gold Medallist); *Specln* Cytology & Cytogenetics and Fishes; *Hobb* Doing resch; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr. S. S Saxena, Principal, Naya Bazar, Lashkar, Distt Gwalior (M.P).

SAHU, DHANBIR PRASAD; Vill Level Worker Mardah Block (U.P); *b* 3 Mar 1944, Allahabad; *Edn* BSc (Agri) Agra Univ 1964; *Hobb* Studying science books and travelling; *Add* 4A Allenganj, Allahabad 2 (U.P).

SAHU, JANKEE PRASAD; Instructor Plant Protection Tirhut Range, Muzaffarpur since Oct 1961; *b* 1 Jan 1927, Bikopur, Kothi, Gaya; *Edn* BSc B.H Univ, Assoc IARI Indian Agrl Resch Inst, New Delhi; *Exp* Jr Resch Asst C.S.R.S, Pusa (Bihar) 1951-54, Plant Protection Inspector, Ranchi & Daltongunj (Bihar) 1954-61; *Pub* Book on 'Plant Protection (Vanaspati Sanrakshan)' (in press) and 'A Textbook of Entomology (Keet Shastree)' (to be published), two resch papers on 'Assessment of BHC' and 'Relative Toxicity of Insecticidal Films to just Hatched Larvae of Sugarcane Borers' published in a scientific journal of repute, as also 'Shabnam'—a collection of seven stories; *Specln* Plant Protection and Insect Toxicology

(Entomology); *Hobb* Writing tech and non-tech books, short notes, stories, etc in Hindi and English; *Av'ble* for employment abroad (notice—three to five months); *Add* Bikopur (Kothi), Distt Gaya (Bihar).

SAKAL RAM; *b* 31 Jul 1942, Varanasi (U.P); *Edn* BSc (Agri) (first class) and MSc (Agri) (first class) B.H Univ 1963 and 1965; *Pub* Submitted a thesis entitled 'Studies on the Physico-Chemical Properties of Easthworm Casts'; *Specln* Agrl Chemistry; *Hobb* Kitchen gardening; *Av'ble* for employment abroad (immediately); *Add* Vill Rasulaha, P.O Raghupur (Sewapuri), Distt Varanasi (U.P).

SAKALKALE, RAMESHCHANDRA VINAYAKRAO; Agrl Supervisor (Soil Conservation) since Jan 1965; *b* 24 Jul 1942; *Edn* BSc (Agri) Nagpur Univ 1964; *Exp* Agrl Supervisor (Scheme of Estimation of Area & Production of Coconut & Arecanut in Maharashtra) Directorate of Agri, Poona Aug-Dec 1964; *Hobb* Photography; *Av'ble* for employment abroad (notice—one month); *Add* Care Dr V. S Sakalkale, P.O Chikhli, Distt Buldana (Maharashtra).

SAKHUJA, (MISS) VEENA; Demonstrator Biology Ramnarain Ruia Coll, Bombay since 1961; *b* 24 Jun 1938, Delhi; *Edn* BSc (Hons) and MSc Bombay Univ 1959 and 1961; *Mem* Bombay Biological Assn; *Specln* Marine Zoology; *Hobb* Sewing, needlework, reading and indoor games; *Av'ble* for employment abroad (notice—one month); *Add* 20/557 Adenwala Road, Matunga, Bombay 19 (Maharashtra).

SAMANTARAI, (DR) BANSHIDHAR; Principal Ravenshaw Coll, Cuttack since 1961; *b* 1 Jan 1912, Barpara (Orissa); *Edn* BSc (Hons) Patna Univ 1932, MSc Allahabad Univ 1934, BL Patna Univ 1941, PhD & DIC London Univ 1948; *Exp* Lecturer, Reader and Prof Botany 1938-49, 1949-51 and 1951-61, Dean Faculty of Science Utkal Univ, Bhubaneshwar, Visiting Prof Univ of California (USA) 1960-61; *Mem* Indian Botanical Socy, Editorial Board Journal of Industrial Botany Science, International Socy of Plant Morphologists and Indian Science Congress; *Pub* Various papers published on Plant Physiology, several articles and one report of State Univs Committee (Orissa) 1963 (in collaboration); *Visited* USA, UK, France, Japan and Hong Kong; *Specln* Plant Physiology; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village & P.O Barpara, Distt Cuttack (Orissa).

SAMPATH, SOSALE RANGASWAMY IYENGAR; Asst Resch Officer Southern Regional Stn National Dairy Resch Inst, Bangalore; *b* 30 Mar 1930 (Mysore); *Edn* MSc Bombay Univ 1956; *Asso Mem* Instn of Chemists (India) Ltd, Calcutta; *Pub* Papers in Indian Journal of Dairy Science; *Knows* German; *Specln* Animal Nutrition; *Listed* 'Men of Sciences & Technology in India'; *Add* 22 East Link Road, Malleswaram, Bangalore 3 (Mysore State).

SAMUEL, (DR) C. THOMES; Lecturer Ichthyology Oceanographic Lab (Kerala Univ), Ernakulam since 1959; *b* 28 Oct 1929, Kuriannoor (Kerala); *Edn* MA Madras Univ 1953, PhD Kerala Univ 1963; *Exp* Lecturer Zoology St Berchmans Coll, Changanacherry 1951-55, Sr Resch Scholar Marine Biology Lab, Trivandrum 1955-59; *Mem* Zoological Socy of India; *Pub* Six papers published in journals of repute; *Specln* Fish and Fishery Science, Morphology, Systematics and Evolution of Fishes; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* Kochuparmpil, P.O Kuriannoor, Distt Alleppey (Kerala).

SANKARAN, (DR) T; Jr Entomologist Commonwealth Inst of Biological Control, Bangalore since 1963; *b* 16 Jun 1928, Nagapattinam (Madras State); *Edn* BSc Madras Univ 1947, MSc and PhD B.H Univ 1949 and 1954; *Exp* Sr Resch Scholar (Min of Edn) 1950-53, Jr Documentation Officer Indian National Scientific Documentation Centre 1954-58, Documentation Entomologist Directorate of Plant Protection 1958-63; *Fellow* Royal Entomological Socy of London; *Mem* Entomological Socy of India; *Founder Mem & Ex-vice-pres* Zootomical Socy of India; *Pub* Two Chapters in 'Discourses in Economic Zoology', several resch papers, reviews & popular articles on Zoological and Entomological subjects; *Knows* German and French; *Specln* Entomology and Plant Protection; *Hobb* Chess and philately; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Directorate of Plant Protection, Quarantine & Storage, 4/19 Ajmeri Gate Extension, New Delhi 1.

SARBHAI, (DR) DAYA SHANKAR; Lecturer Zoology Mahila Vidyalaya Degree Coll, Lucknow since 1962; *b* 16 Jan 1906, Lucknow; *Edn* BSc, MSc & DSc Lucknow Univ 1928, 1930 & 1938, MS Alabama Poly Inst (USA) 1950; *Exp* Science Teacher St Joseph's High Schl, Lucknow 1935-38, Lecturer Biology Mahila Vidyalaya Coll, Lucknow 1938-44, Asst Fisheries Development Officer (U.P), Lucknow 1944-52, Deputy Director of Fisheries (U.P), Lucknow 1952-62; *Mem* Editorial Board Fisheries Assn of India and Indian Science Congress Assn; *Ex-mem* Fisheries Resch Committee (Govt of India), Zoological Socy of India, Royal Asiatic Socy of Bengal and American Fisheries Socy; *Pub* Nine resch papers published in journals of repute; *Visited* USA; *Specln* Fisheries Science; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 81 Astabal Charbagh, Lucknow (U.P).

SAREEN, (DR) MADAN LAL; Sr Fellow (UGC) Zoology Deptt Panjab Univ since Dec 1963; *b* 12 May 1936, Rawalpindi (Pak); *Edn* BSc (Hons), MSc and PhD Panjab Univ 1957, 1958 and 1964; *Exp* Lecturer Biology S.D Coll, Ambala Cantt 1958-59, Lecturer Zoology D.A.V Coll, Jullundur Jul-Dec 1959, Fellow (CSIR) Zoology Panjab Univ 1959-63, Teaching Asst Zoology Panjab Univ Feb-Jul 1963, Lecturer Zoology Govt Coll, Ludhiana Jul-Dec 1963; *Mem* Zoological Socy Panjab Univ; *Pub* Ten papers published in reputed journals; *Knows* German; *Specln* Cytochemistry; *Hobb* Personal library of current literature; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* N.F 245, Adda Tanda, Jullundur City (Punjab).

SARIN, (DR) MAHENDRA NATH; Plant Physiologist Indian Agrl Resch Inst, New Delhi since 1964; *b* 11 Oct 1935, Agra; *Edn* BSc. MSc and PhD Agra Univ 1953, 1955 and 1959; *Exp* Lecturer Botany Agra Coll, Agra 1955-60, Asst Plant Physiologist and Asst Prof Botany 1960-62 and 1962-64; *Mem* American Socy of Plant Physiologists and Editorial Board Indian Journal of Plant Physiology; *Fellow* Indian Botanical Socy; *Pub* One book, 23 resch papers published in journals of repute; *Knows* German; *Specln* Mineral Nutrition of Plants; *Hobb* Dramatics; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* D-II/4 Indian Agricultural Research Institute, New Delhi 12.

SARKAR, (DR) KALYAN KUMAR; Reader Agrl Economics Deptt Gokhale Inst of Politics and Economics, Poona; *b* 1 Aug 1933 (W.B); *Edn* BSc (Agri) B.H Univ 1955, MSc (Agrl Economics) Agra Univ 1957, PhD (Agrl Economics) Ebinburgh Univ (UK)1962; *Exp* Agrl Extension Officer (Govt of W.B) 1957-58, Resch Asst Agro-Economic Resch Centre Visva Bharti Univ, Santiniketan 1958-59, Post-Doctorate Resch Work on 'Danish Agricultural Co-operative Marketing' Royal Coll of Agri, Copenhagen (Denmark) 1962-63; *Pub* One paper in a scientific journal and also one tech report; *Visited* UK, Norway, Sweden, W.Germany, France and Denmark ; *Knows* German and Danish; *Specln* Farm Mechanization and Farm Labour; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 63-A Ballygunge Gardens, Calcutta 19 (W.B).

SASTRI, (DR) RAYAPROLU LAKSHMI NARASIMHA; Lecturer Botany Andhra Univ; *b* 2 Dec 1928, Madras; *Edn* BSc (Hons), MSc and DSc Andhra Univ 1949, 1951 and 1958; *Mem* International Socy of Plant Morphologists; *Life Mem* Indian Socy for Plant Physiology; *Pub* 25 resch papers and 35 popular articles published in journals and magazines of repute; *Visited* USA; *Knows* German; *Specln* Plant Growth and Morphogenesis;

Av'ble for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Department of Botany, Andhra University, Waltair (A.P).

SASAN, HARBANS SINGH; Artificial Insemination Officer A.H Deptt (J&K) since 1964; *b* 16 Apr 1937, Tehsil Bagh (Pak Occupied Kashmir); *Edn* BVSc (Hons) Bombay Univ 1960, MSc (Dairying) National Dairy Resch Inst, Karnal 1964 (first class first in Microbiology Group); *Exp* Vety Asst Surgeon 1960-62, Resch Scholar National Dairy Resch Inst, Karnal 1962-64; *Life Mem* Alumni Assn of National Dairy Resch Inst, Karnal; *Pub* Thesis on 'Use of Detergents and Sanitizers in Cleaning of Bulk Tanks & Road Tankers', a paper on this very subject in Journal of Dairy Science (in collaboration with Dr V.K.N Nambudripad) and a similar paper presented (as an Official paper of National Dairy Resch Inst, Karnal) in Indian Dairy Science Congress, Allahabad (Nov 1964); *Specln* Dairy Microbiology and Dairy Techy; *Hobb* Touring and meeting the masses (particularly villagers); *Av'ble* for employment abroad; *Add* 61 Rehari Mohalla, Jammu Tawi.

SASTRY, MUSUNURI VENKATA SUBRAHMANYA; Asst Botanist Central Rice Resch Inst, Cuttack since 1961; *b* 27 Dec 1930, Masulipatam (A.P); *Edn* BSc Andhra Univ 1952, MSc Utkal Univ 1955; *Exp* Resch Asst Central Rice Resch Inst, Cuttack 1956-61; *Mem* Indian Socy of Genetics & Plant Breeding; *Pub* Eight papers published in journals of repute and three tech reports; *Specln* Plant Breeding and Genetics of Rice; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Venkateswara Rao Road, Buckinghampet, Vijayawada 2 (A.P).

SATHE, (DR) AVINASH MAHADEO; Prof Zoology & Head Biology Deptt J.S.M Coll, Alibag since 1963; *b* 18 Dec 1931, Poona; *Edn* BSc, BSc (Hons) & MSc Poona Univ 1955, 1956 & 1957, PhD Nagpur Univ 1963; *Exp* Lecturer Biology Ahmednagar Coll 1957-59, Lecturer Histology & Physiology V.A Mahavidyalaya, Amraoti 1959-61, Lecturer, Head Biology Deptt R.B.N.B Coll, Shrirampur and A.S.C Coll, Ichalkaranji 1961-62 & 1962-63; *Pub* Six original resch papers published in journals of repute and three more ready for publication; *Specln* Entomology and Comparative Vertebrate Anatomy; *Hobb* Zoological excursions and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr M. N Sathe, Baramati, Poona (Maharashtra).

SATHIARAJAN, RAMASWAMY; Asst Resch Officer Central Inst of Fisheries

Techy, Cochin since 1963; *b* 6 Apr 1933, Lakshimipuram (Madras State); *Edn* BSc (Hons) and MSc Madras Univ 1957 and 1958; *Exp* Survey Asst and Resch Asst 1957-61 and 1961-63; *Mem* Inst of Fisheries Technologists of India and Marine Biological Assn of UK; *Pub* A paper on 'The Efficiency of Stake Nets for the Capture of Prawns in the Back Waters of Kerala' and a tech report; *Specln* Fishing Gear Techy; *Hobb* Genl reading and tennis; *Add* P.O Lakshimipuram, Via Theni, Distt Madurai (Madras State).

SATYANARAYAN, T. V; Med Representative Hoechst Pharmaceuticals, Madras; *b* 13 Oct 1939, Guntur (A.P); *Edn* MSc Osmania Univ 1962; *Knows* German; *Specln* Taxonomy, Anatomy & Embryology of Angiosperms (Systematic Botany); *Hobb* Table-tennis, cricket, shuttle badminton and reading; *Av'ble* for employment abroad (notice—three months); *Add* 'Chandru', 12 Mangesh Street, T'Nagar, Madras 17.

SAVADAMUTHU; Asst Agrl Engr Ravine Reclamation Scheme, Cuddalore, Distt S.Arcot since 1962; *b* 19 Jun 1933, Kendiahgoundanur (Madras State); *Edn* MTech (Agrl Engg) and MTech (Farm Machinery & Power) Indian Inst of Techy, Kharagpur 1957 and 1958; *Exp* Asst Agrl Engr Soil Conservation 1959-61, Trg Soil Conservation 1961-62; *Asso Mem* American Socy of Agrl Engrs (USA); *Grad Mem* Instn of Engrs (India); *Specln* Farm Machinery & Power and Soil Water Conservation Engg; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri R. Lakkiah Kendiahgoundanur, Post Murunellikoltai, Dindigul Taluk, Distt Madurai (Madras State).

SAXENA, ANAND SWAROOP; Resch Scholar Botany Deptt Saugar Univ; *b* 16 Jun 1943, Delhi; *Edn* BSc Agra Univ 1962, MSc Saugar Univ 1964; *Mem* Indian Botanical Socy and Indian Phytopathological Socy; *Pub* MSc thesis on 'Fungi causing Damage to Cellulose and Leather Goods at Saugar' (unpublished); *Specln* Mycology; *Hobb* Sports (Represented Saugar Univ in Cricket—1964), debates (English Discussion in Inter Univ Youth Festival, Delhi—1963) and reading; *Add* 59 Ram Nagar, New Delhi 1.

SAXENA, BAIKUNTH NATH; Lecturer Botany Lucknow Univ since 1961; *b* 7 Apr 1930, Lucknow; *Edn* BSc, MSc and Proficiency Cert in German & French Lucknow Univ 1949, 1951 and 1952 & 1958; *Exp* Resch Asst and Asst Prof Botany Lucknow Univ 1955-58 and 1958-61; *Fellow* The Indian Botanical Socy; *Pub* Five papers published in journals of repute; *Knows* French and German; *Specln* Mycology & Plant Pathology and History of Botany; *Hobb* Badminton and excursions; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India'; *Add* Shanker Nivas, Kedar Nath Marg, Lucknow (U.P).

SAXENA, GOPAL KRISHNA; Grad Student Vegetable Crops Deptt Univ of Florida since Dec 1963; *b* 4 Aug 1942, Lucknow (U.P); *Edn* BSc (Agri) and MSc (Agri) Agra Univ 1960 and 1962; *Exp* Resch Asst Horticulture Deptt Govt Agri Coll, Kanpur 1962-63; *Mem* Florida Horticulture Socy; *Pub* Three resch papers in magazine and journals; *Visited* USA; *Knows* French and German; *Specln* Nutrition of Vegetable Crops; *Hobb* Photography; *Av'ble* for employment abroad (immediately); *Add* 2/287 Nawabganj, Kanpur (U.P).

SAXENA, (DR) KRISHAN MOHAN SAHAI; Pool Officer (CSIR) Indian Inst of Sugarcane Resch, Lucknow since Feb 1965; *b* 6 Jun 1936, Shahjahanpur (U.P); *Edn* BSc & MSc Lucknow Univ 1955 & 1957, PhD Univ of Illinois (USA) 1964; *Exp* Jr Resch Fellow (CSIR) Birbal Sahni Inst of Palaeobotany, Lucknow 1958-61; *Mem* American Socy of Agronomy, American Phytopathological Socy and Sigma Xi Socy of America; *Pub* One resch paper in a leading journal; *Knows* German and French; *Visited* USA, UK, France, Switzerland and Italy; *Specln* Plant Pathology—Genetics; *Hobb* Photography and gardening; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 220/C Sector C 1, Mahanagar Colony, Lucknow 6 (U.P).

SAXENA, (DR) MOHAN CHANDRA; *b* 22 Jan 1938, Dholpur; *Edn* BSc (Agri) & MSc (Agrl Agronomy) Agra Univ 1957 & 1959, PhD Indian Agrl Resch Inst, New Delhi 1962, Dr agr Agri Univ, Stuttgart-Holenheim (W.Germany) 1965; *Exp* Asst Prof Agronomy Jul-Sep 1959; *Mem* Indian Socy of Agronomy, New Delhi; *Pub* Three theses, five resch papers and two popular books on Agrl subjects; *Visited* W.Germany, Belgium, England. France, Switzerland, Austria and Egypt; *Knows* German and Spanish; *Specln* Agronomy and Plant Nutrition Resch; *Hobb* Games, music and painting; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* Mansabdaran, Old City, Dholpur, Distt Bharatpur (Rajasthan).

SAXENA, OM PRAKASH; Head Zoology Deptt Multanimal Modi Coll, Modinagar; *b* 23 Jun 1936, Chibbraman (U.P); *Edn* BSc & MSc (Zoology) Agra Univ 1955 & 1957; *Exp* Lecturer Zoology D.A.V Coll, Muzaffarnagar (U.P) and M.P Govt Coll, Rewa Jul-Nov 1957 and 1957-59, doing resch work on Fishes (intending to submit PhD thesis by Jun 1966); *Pub* 'Standard Guide of Invertebrate Zoology', 'Standard Guide of Vertebrate Zoology' and 'Invertebrate Practical Zoology' (all for BSc students); *Specln* Entomology; *Hobb* Gardening, photography and cultural activities;

Av'ble for employment abroad (notice—three months); *Add* 84 Khandags Street, Meerut (U.P).

SEHGAL, (DR) HARDIT SINGH; Resch Officer & Officer I/c Mycology Branch Southern Forest Resch Centre, Coimbatore since 1964; *b* 2 Feb 1935, Rajar (W.Pak); *Edn* BSc, BSc (Hons), MSc (Hons) and PhD Panjab Univ 1955, 1957, 1959 and 1964; *Exp* Lecturer M.G Coll, Fatehgarh Sahib 1959-60, Resch Scholar F.R.I, Dehra Dun 1960-63, Lecturer Govt Coll, Malerkotla 1963-64; *Mem* Indian Phytopathological Socy; *Pub* Three papers published in journals of repute; *Specln* Mycology and Plant Pathology; *Av'ble* for employment abroad subject to approval by the Govt; *Add* House No. B IX 313, Rari Mohalla, Ludhiana (Punjab).

SEHGAL, KRISHAN LAL; Resch Officer Cold Water Fisheries Resch Unit C.I.F.R.I, Kangra since 1964; *b* 1 Oct 1932, Lahore (W.Pak); *Edn* BSc (Hons) (Zoology) and MSc (Zoology) Delhi Univ 1953 and 1955; *Exp* Resch Asst and Asst Resch Officer Central Inland Fisheries Resch Inst 1956-59 and 1959-64; *Pub* Seven papers published in journals of repute and four more under publication; *Knows* French; *Specln* Fisheries; *Hobb* Collection of scientific records; *Av'ble* for employment abroad (notice depends upon the timely circumstances); *Add* Care Shri M. L Sehgal, D 5/2 Krishan Nagar, Delhi 31.

SEHGAL, (DR) SWARAJYA PAL; Asst Plant Pathologist Agri Deptt, Kota (Rajasthan) since 1960; *b* 1 Apr 1933, Ludhiana (Punjab); *Edn* BSc Rajasthan Univ 1953, MSc Agra Univ 1956, PhD Rajasthan Univ 1963; *Exp* Science Master 1953-54, Resch Asst 1956-60; *Mem* Indian Science Congress Assn; *Life Mem* Indian Phytopathological Socy; *Pub* Nine resch papers published in reputed scientific journals and nine more awaiting publication, two other scientific writings, as also three annual reports of schemes; *Specln* Plant Pathology; *Av'ble* for employment abroad (notice--three months); *Add* Assistant Plant Pathologist, Kota (Rajasthan).

SEKHARAN, KARIMBANA VAYALIL; Resch Officer (Jr) & Officer I/c Central Marine Fisheries Resch Unit, Waltair since 1963; *b* 1 Jul 1925, Badagara (Kerala); *Edn* BSc and MSc Madras Univ 1947 and 1951; *Exp* Resch Asst, Asst Resch Officer and Resch Officer (Jr) Central Marine Fisheries Resch Inst, Mandapam Camp 1951 to date; *Mem* Marine Biological Assn of India; *Pub* Eight papers published in journals of repute; *Visited* Japan; *Specln* Fishery Biology; *Hobb* Chess and photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Karimbana Vayalil House, Near Karimbana Bridge, P.O Puduppanam, Badagara (Kerala).

SEKHON, (DR) GURCHARAN SINGH; Asso Prof Coll of Agri, Hissar since 1963; *b* 5 Nov 1930, Basiharkh, Distt Sangrur (Punjab); *Edn* BSc (Agri)

(Hons) Delhi Univ 1950, Assoc IARI Indian Agrl Resch Inst 1952, PhD Iowa State Univ (USA) 1962; *Exp* Agrl Asst (Extension Works) & Tech Asst Directorate of Agri (Pepsu) 1952-54, Field Asst Soil Fertility Investigation Scheme 1954-57, Resch Asst Model Agronomic Trials 1957-59, Resch Scholar Rockefeller Foundations 1959-62, Asst Soil Physicist Jan-Aug 1963; *Mem* Exec Council Indian Socy of Agronomy and Honour Socy of Agri (USA); *Pub* One paper in a reputed journal and various reports; *Knows* Persian, French and German; *Visited* USA, UK, France, Belgium, Germany, Switzerland and Italy; *Specln* Soil Fertility; *Hobb* Light reading, table-tennis and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Sunder Kutia, Nabha Gate, Sangrur (Punjab).

SEN, ARUN KUMAR; Resch Asst Nematology Oregon State Univ (USA) since 1964; *b* 25 Jul 1938, Calcutta; *Edn* BSc (Agri) Bihar Univ 1959, MSc Oregon State Univ 1963, doing PhD; *Exp* Agrl Inspector (Govt of Bihar) 1959-60, Resch Fellow Inst Voor Plantenziekten Kundig Onderzoek, Wageningen (The Netherlands) 1963-64; *Mem* Socy of American Nematologists, Socy of European Nematologists, Helminthological Socy of Washington and British Socy for Parasitology; *Pub* Five resch papers in journals of international repute; *Knows* Dutch and German; *Visited* USA, The Netherlands, England, Scotland, Belgium and Germany; *Specln* Plant Parasitic Nematodes; *Hobb* Nematode, stamp & autograph collection and photography; *Av'ble* for employment abroad after Jul 1966; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr A. C Sen, Tagore Hill Road, Morabadi, Ranchi (Bihar).

SEN, ASOKE KUMAR; Pool Officer (CSIR) Pathology Div Indian Vety Resch Inst, Izatnagar since 1964; *b* 25 Dec 1936; *Edn* BVSc & AH Calcutta Univ 1958, MRCVS Royal Coll of Vety Surgeons, London 1962; *Exp* Vety Asst Surgeon (Govt of W.B) 1959-60; *Mem* Indian Science Congress Assn and Scientific Assn; *Visited* UK; *Specln* Pathology (including Bacteriology & Parasitology), Medicine and Surgery; *Hobb* Hockey, tennis, photography and drawing; *Av'ble* for employment abroad (on being relieved by the Govt); *Add* Care Dr K. Sengupta, Jt Director of Agriculture, 3 Dr T. N Majumder Street, Calcutta 26 (W.B).

SEN, (DR) DAVID NAVIN; Lecturer Botany Jodhpur Univ since 1963; *b* 20 Dec 1934, Amroha (U.P); *Edn* BSc & MSc Agra Univ 1953 & 1955, CSc (Mining) and DSc Charles Univ (Czechoslovakia) 1960 and 1962; *Exp* Lecturer Botany St Andrews Coll, Gorakhpur 1955-60, Resch Fellow Govt of India (Czechoslovakia) 1960-62, Pool Officer (CSIR) in 1963;

Mem Indian Botanical Socy, Indian Science Congress, Indian Science News Assn, National Academy of Sciences (India), Socy of Tropical Ecology and Czechoslovak Botanical Socy; *Pub* Monograph on 'Tilia Europaea L—Rhizology', 15 resch papers and some popular articles; *Visited* Czechoslovakia, Germany, France, The Netherlands, UK, Switzerland, Italy, Austria, Poland, Hungary, USSR, Belgium and Egypt; *Knows* Czech, German and Russian; *Specln* Botany—Geobotany (Ecology); *Hobb* Tourism and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri C. Sen, Village Mausampur, P.O Kandarki, Distt Moradabad (U.P).

SEN, GOUR CHANDRA; Supdtg Curator Lloyd Botanic Garden, Darjeeling since 1962; *b* 1 Feb 1929, Distt Jessore (E.Pak); *Edn* BSc (Hons) and MSc (Botany) Calcutta Univ 1948 and 1950; *Exp* Resch Officer State Agri Resch Inst (Govt of W.B) 1952-53, Asst Curator Govt Gardens, Calcutta 1954-60, Curator Lloyd Botanic Garden, Darjeeling 1960-62; *Fellow* Royal Horticultural Socy, London; *Pub* Resch paper on 'The Epiphytic Flowering Plants of Darjeeling Hills, Other than Orchids', also one article entitled 'An Outline of the Flore of Sikkim-Darjeeling' in the Himalayan Mountaineering Inst Journal, Darjeeling (in press); *Specln* Horticulture, Gardening and Floriculture; *Hobb* Reading; *Av'ble* for employment abroad (with the permission of Govt of W.B); *Listed* 'Directory of Scientific Personnel of I.C.A.R'; *Add* 5 Raghu Nath Chatterjee Street, Calcutta 6 (W.B).

SEN, (DR) PABITRA KUMAR; Khaira Prof & Dean Faculty of Agri Calcutta Univ since 1948; *b* 15 May 1906, Kasba (E.Pak); *Edn* BSc (Hons) & MSc Calcutta Univ 1927 & 1930, PhD & DIC London Univ 1933; *Exp* Lecturer Botany Calcutta Univ 1933-35, Physiological Botanist Imperial Council of Agrl Resch, New Delhi 1935-40, Horticulturist (Govt of Bihar) & Prof Horticulture Bihar Coll of Agri 1940-48; *Mem* Indian Science Congress Assn, Indian Botanical Socy, Genetical Socy (India), Horticultural Socy of India and Agrl Socy, Calcutta; *Pub* 'Handbook of Fruit Growing' and more than 200 papers published in journals of repute; *Visited* European Countries, North America, Canada, Japan, Philippines and China; *Knows* German; *Specln* Plant Physiology, Horticulture, Agronomy and Farm Economics; *Hobb* Social work (has established 'Seva-Bharti'—a Rural Inst); *Av'ble* for employment abroad (notice—six months); *Add* 71/3 Plam Avenue, Calcutta 19 (W.B).

SEN, (DR) UDAYANANDA; Lecturer Botany Kalyani Univ since 1963; *b* 9 Jan 1932; *Edn* BSc & MSc Calcutta Univ 1953 & 1955, PhD Univ of Glasgow (UK) 1961; *Exp* Lecturer Botany City Coll, Caleutta 1955-59,

Demonstrator Botany Glasgow Univ 1959-61, Lecturer Govt Coll, Darjeeling 1962, Univ Lecturer North Bengal Univ 1962-63; *Mem* Inst of Biology, London; *Fellow* The Linnean Socy of London; *Pub* Six resch papers published in various scientific journals of repute; *Visited* UK, France, Germany, Spain and Italy; *Specln* Pteridology, Plant Anatomy and Palaeobotany; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 21 Kalidas Patitundi Lane, Calcutta 6.

SENGAR, MAN SINGH; Asst Prof B.R Coll, Agra since Nov 1964; *Edn* BSc (Agri) and MSc (Agri) Agra Univ 1961 and 1963; *Exp* Resch Asst National Dairy Resch Inst, Karnal 1963-64, Resch Asst Biochemistry Div Punjab Agrl Univ, Ludhiana May-Oct 1964; *Pub* One resch paper published in a scientific journal; *Specln* Animal Nutrition; *Hobb* Teaching and resch; *Av'ble* for employment abroad (notice—three months); *Add* Vill Bhartaul, P.O Sikharna, Distt Etawah (U.P).

SEN GUPTA, (DR) PRASANTA KUMAR; Lecturer Plant Pathology Kalyani Univ; *b* 2 Dec 1935, Calcutta; *Edn* BSc (Hons) (Botany) and MSc (Botany) Calcutta Univ 1953 and 1955, Assoc IARI Indian Agrl Resch Inst, New Delhi 1956, DPhil Calcutta Univ 1963; *Exp* Resch Asst Mycology & Plant Pathology State Agrl Resch Inst (W.B) 1958-64; *Mem* Indian Phytopathological Socy, Indian Science Congress Assn and Botanical Socy of Bengal; *Pub* Ten papers published in journals of repute; *Specln* Mycology and Plant Pathology; *Av'ble* for employment abroad (notice—two months); *Add* Dr P. K Sen Gupta, 41/D Serpentine Lane, Calcutta 14 (W.B).

SERMADEVI, RAMALINGAM SUBRAMANIAN; Resch Asst Agrl Economics Agri Coll, Coimbatore since Aug 1965; *b* 14 Oct 1938, Villupuram; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1960 and 1964; *Exp* Agrl Demonstrator, Tenkasi Aug-Oct 1960, Agrl Extension Officer, Kadayanallur 1960-64, Asst in Economics Agrl Coll, Coimbatore 1964-65; *Mem* Madras Agrl Students' Union and Academy of Agrl Sciences; *Pub* Seven papers accepted for publication; *Specln* Agrl Economics; *Hobb* Reading; *Add* Care Shri S. Ramalingam Pillai, South Mada Street, Vickramasingapuram, Distt Tirunelvelli (Madras State).

SESHADRI, (DR) BHUVARA SARMA; Resch Officer Inst of Agri, Anand (Gujarat) since 1963; *b* 3 Jan 1930, Madras; *Edn* BSc (Hons), MSc and PhD Annamalai Univ 1953, 1955 and 1961; *Exp* Univ Resch Scholar 1954-55, Sr Resch Scholar (Govt of India) 1955-58, Attache de Rechersh 1958-61, Fellow French Govt 1961-62, Fellow British Council, Bursar May-Oct 1962, Scientists Pool Officer 1962-63; *Pub* Papers on

'Hydrology and Biology of the Vellar Estuary at Marine Biological Station, Portonovo', 'Physiology of Fishes', Neurosecretions in Fishes', 'Thyroid Functioning in Rat', 'Effect of Thyroxine on Intestinal Tissue Metabolism' and 'Adrenal Functioning of Rat Under Different Nutrition' (unpublished), 14 other papers published in scientific journals of repute; *Visited* France, UK and Other European Countries; *Knows* French and German; *Specln* Endocrine Physiology of Fishes and Comparative & Reproductive Endocrinology; *Hobb* Photography and philately; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* A/6 North Road, K.G Colony, Madras 10.

SESHAN, K. R; Resch Scholar Zoology Deptt Kerala Univ, Trivandrum; *b* 16 Mar 1939, Johore Bahore (Malaya); *Edn* BSc Madras Univ 1961, MSc Kerala Univ 1963; *Pub* Tech report on 'Studies on Insect Endocrinology'; *Visited* Malaya and Singapore; *Knows* French; *Specln* Insect Endocrinology; *Hobb* Reading and meditating; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri K.S.U Aiyer, No. 8, 5th Cross Street, United India Colony, Kodambakkam, Madras 24.

SESHU, (DR) DURVASULA VENKATA; Asst Botanist I/c Sub-Stn Central Rice Resch Inst, Cuttack since 1955 and I/c Sub-Stn, Jabalpur since 1961; *b* 19 Apr 1933, Jeypore (Orissa); *Edn* BSc Andhra Univ 1952, MSc (Botany) and PhD (Agrl Botany) Utkal Univ 1954 and 1964; *Mem* Indian Science Congress Assn, Indian Socy of Genetics & Plant Breeding and Assn of Rice Resch Workers; *Pub* Several papers published in reputed journals; *Hobb* Light reading, photography and music; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Jeypore, Distt Korapet (Orissa).

SETHI, ATAM PRAKASH; Sr Tech Asst Botany Deptt Delhi Univ; *b* 20 Jun 1944, Khanewal (W.Pak); *Edn* BSc and MSc Agra Univ 1962 and 1964; *Specln* Plant Embryology and Morphology; *Hobb* Music; *Add* 203 Bara Bazar, Kanker Khera, Meerut (U.P).

SETTIGIRI, NARAYANA REDDI; Asst Lecturer Agronomy S.V Agrl Coll, Tirupati; *b* 3 Nov 1926, Tirupati; *Edn* BSc (Agri) Andhra Univ 1951; *Exp* Agrl Demonstrator 1952-62; *Specln* Farming and Reclamation of Sandy Soils; *Hobb* Farming; *Av'ble* for employment in USA (subject to being relieved by the Andhra Agrl Univ); *Add* 10 Pedda Kupu Street, Tirupati, Distt Chittoor (A.P).

SHAH, (DR) JAYSUKH JAGMOHANDAS; Head Univ Botany Deptt Sardar Vallabhbhai Vidyapeeth, Vallabh Vidyanagar since 1964; *b* 24 Sep 1924, Jambusar; *Edn* BSc (Hons) and MSc Bombay Univ 1947 and 1951; *Exp*

Lecturer M.T.B Coll, Surat 1950-56, Lecturer Botany A.P Shah Coll, Surendranagar 1956-57, Reader Botany Deptt Annamalai Univ 1957-59, Reader Botany Deptt Gujarat Univ 1959-64; *Mem* Indian Botanical Socy; *Founder Mem* International Socy of Plant Morphologists; *Secy* Univ Film Socy (Gujarat Univ); *Pub* 20 resch papers published in various scientific journals of repute; *Specln* Plant Anatomy; *Hobb* Photography; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Rector University Hostels, Navrangpura, Ahmedabad 9 (Gujarat).

SHAH, (DR) VINODKANT CHUNILAL; Reader Zoology Delhi Univ since 1964; *b* 27 Nov 1929, Sankheda, Distt Baroda; *Edn* MSc (first class) Baroda Univ 1954, MS Univ of Minnesota (USA) 1957, PhD Columbia Univ (USA) 1962; *Exp* Lecturer Baroda Univ 1957-58, Lecturer Columbia Univ (USA) 1959-60, Med Asso Brookhaven National Lab, Upton (USA) 1962-63, Instructor Physiology Tufts Med Schl, Boston (USA) 1963-64; *Mem* American Assn of Cell Biology and Tissue Culture Assn; *Pub* Eight papers published in foreign med journals of repute; *Visited* USA, European Countries, E.Africa, Kenya and Uganda; *Knows* French and German; *Specln* Molecular Biology; *Av'ble* for employment abroad (notice—two months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Bodeli, Distt Baroda (Gujarat).

SHAHI, RAM SHANKER; Science Teacher Jr High Schl, Rampur Gararee; *b* 1 Nov 1945, Rampur Baghaura; *Edn* BSc (Agri) Gorakhpur Univ 1964; *Av'ble* for employment abroad (immediately); *Add* Shri Ram Shanker Shahi, Vill & P.O Rampur Baghaura, Via Gagacha, Distt Gorakhpur (U.P).

SHANDILYA, MAHENDRA KUMAR; Vety Asst Surgeon Vijayaraghavagarh (M.P); *b* 15 Jun 1938, Jabalpur; *Edn* BVSc Jabalpur Univ 1962; *Exp* Vety Asst Surgeon (Sehore Distt) 1961-63 (Presently doing resch on 'Horn Cancer' and 'Medicinal Herb'); *Pub* Stories in magazines; *Hobb* Resch work (particularly in pharmacology & genetics, chess and story writing; *Av'ble* for employment abroad (notice—one year); *Add* 246 Garha, Jabalpur (M.P).

SHAHI, RAM KUMAR; Asst Prof Agrl Economics B.R Coll, Agra since 1963; *b* 7 Apr 1943, Bairauna (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1960, MSc (Agri) Agra Univ 1962; *Exp* Lecturer 1962-63; *Mem* Indian Socy of Agrl

Economics, Bombay; *Pub* Two papers published in journals of repute and an article in Coll Magazine; *Specln* Farm Management; *Hobb* Reading and writing on Agrl Economics; *Av'ble* for employment abroad (notice—three months); *Add* Shri Ram Kumar Shahi, Vill & P.O Bairauna, Distt Deoria (U.P).

SHANT, PRITAM SINGH; Horicultural Asst, Basohli, Headquarter Ramkot since Apr 1964; *b* 20 Oct 1937, Jammu; *Edn* FEA (with distinction) and Degree (with distinction) Panjab Univ 1959 and 1961; *Exp* Horticultural Asst, Samba (Jammu) 1961-64; *Mem* Horticultural Socy of Jammu & Kashmir; *Pub* Papers on horticultural interests in local coll magazines; *Specln* Horticulture; *Hobb* Gardening, photography, paintings, story writing and poetry; *Av'ble* for employment abroad (notice—three months); *Add* W.W 3037, Talab Khitikan, Jammu (J & K).

SHARIEFF, HAMEEDUDDIN; Extension Officer (Animal Husbandry) Block Development Office, Sidlaghatta (Mysore); *b* 12 Nov 1940, Bangalore; *Edn* BVSc Mysore Univ 1963; *Exp* Manager Distt Poultry Farm, Kolar (Mysore) 1964-65; *Knows* Slight German and French (learning); *Hobb* Reading publications (professional and general); *Av'ble* for employment abroad (notice—two months); *Add* 229 Rastrea Vidyala Road, Visweswarapuram, Bangalore 4 (Mysore).

SHARIFF, ALI TAHER; Deputy Director (Govt of India) Offshore Fishing Stn, Tuticorin since 1962; *b* Madras City; *Edn* BSc Madras Univ 1943; *Exp* Deputy Director (Govt of India) Deep Sea Fishing Stn, Bombay 1960, Deputy Director (Govt of India) Offshore Fishing Stn, Vizagapatnam 1961; *Pub* Eight resch papers published in various reputed journals; *Visited* Maldives; *Specln* Fishing Gear Techy; *Hobb* Angling; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Deputy Director (Govt of India), Offshore Fishing Station, 23 Beach Road, Tuticorin (Madras State).

SHARMA, (DR) ARUN KUMAR; Reader Botany Deptt Calcutta Univ; *b* 22 Nov 1923, Calcutta; *Edn* BSc (Hons), MSc (first class) and DSc Calcutta Univ 1943, 1945 and 1955 (Recipient of Univ Medal & Prize for MSc and a Gold Medal for published work); *Exp* 19 years exp in carrying out & guiding resch and 18 years exp of teaching post-grad, post MSc and post-doctorate students; *Mem* Botanical Socy of Bengal, Indian Science Congress Assn, Indian Socy of Cytology & Genetics, Indian Socy of Cell Biology and Ecological Socy of America; *Pub* 'Chromosome Technique'

published by Butterworth's, London and 194 resch papers published in Indian and foreign journals of repute, Chief Editor 'The Nucleus'—an International Journal of Cytology; *Visited* Canada, Finland, Hungary, Sweden, France, Italy, Switzerland, The Netherlands, Germany and UK; *Specln* Botany, Cytology, Cytogenetics, Chromosome Techniques & Cytochemistry; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 35 Ballyganj, Circular Road, Calcutta 19 (W.B).

SHARMA, (DR) BISHAN SWARUP; Resch Scholar Deptt of Agronomy B.R Coll, Bichpuri (Agra) since 1956; *b* 1 Aug 1931, Sarangpur (U.P); *Edn* BSc (Agri), MSc (Agri) (Agronomy) and PhD (Agri) (Agronomy) Agra Univ 1952, 1954 and 1965; *Exp* Lecturer Agronomy Deptt 1954-56; *Pub* PhD thesis on 'Cultivation & Chemical Weed-Control in Potatoes', articles on 'Chemical Weed-Control' and 'Role of Agronomist in Present Day Farming' and reports on two important schemes sponsored by Indian Council of Agrl Resch; *Specln* Crop Husbandry and Chemical Weed Control in Crops; *Hobb* Indian vocal music; *Av'ble* for employment abroad (notice—three months); *Add* 128 Radha Krishna Street, P.O Khurja, Distt Bulandshahr (U.P).

SHARMA, (DR) BRIJ BEHARI; Lecturer Botany Lucknow Univ since 1949; *b* 15 Sep 1925, Nagod (M.P); *Edn* BSc (Hons), MSc and PhD Lucknow Univ 1945, 1946 and 1957; *Exp* Resch Fellow Lucknow Univ 1946-47, Lecturer C.T Coll Jan-Apr 1948, Lecturer Isabella Thoburn Coll, Lucknow 1948-49, Sr Resch Asst Mango Necrosis Scheme Lucknow Univ May-Nov 1949; *Mem* National Academy of Sciences; *Fellow* Indian Botanical Socy; *Pub* 'Elementary Botany Book for High School' (in Hindi), eight resch papers published in journals of repute, ten radio talks and two popular articles; *Knows* German and Russian; *Specln* Plant Pathology—Botany; *Hobb* Badminton and mountaineering; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* C 183, Sector 'C', Mahanagar, Lucknow (U.P).

SHARMA, (DR) CHANDRA PRAKASH; Lecturer Botany and Hony Resch Officer US P.L-480 Project Lucknow Univ; *b* 5 Oct 1934, Mathura (U.P); *Edn* BSc Agra Univ 1952, MSc, Proficiency in French and PhD Lucknow Univ 1954, 1961 and 1962, Was awarded resch prize in Botany Lucknow Univ (1958); *Mem* Indian Botanical Socy, Indian Socy of Plant Physiology and Socy of Biological Chemists; *Pub* Ten resch papers published in Indian and foreign journals of repute and various popular articles; *Knows* French; *Specln* Mineral Nutrition of Plants & Plant Physiology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Botany, Lucknow University, Lucknow (U.P).

SHARMA, DEVENDRA KUMAR; Prof & Head Extension Deptt Coll of Agri, Gwalior since 1960; *b* 14 Jan 1931, Parasia (M.P); *Edn* BSc (Agri) & MA Nagpur Univ 1950 & 1952, MS Cornell Univ (USA) 1957; *Exp* Appraiser (Social Scientists) Coll of Agri, Nagpur 1953-57, Deputy Director Extension Trg Deptt of Agri (M.P), Rewa Mar-Dec 1957, Prof & Head Extension Deptt Coll of Agri, Jabalpur 1958-60; *Mem* Rural Sociological Socy of America and Extension Edn Socy of India; *Chairman* Board of Studies in Agri Vikram Univ, Ujjain and Rural Social Science Subcommittee Deptt of Agri (M.P); *Pub* 'Extension Methods and Principles' (under publication) and 27 papers published in journals of repute; *Specln* Extension Edn and Rural Sociology; *Hobb* Playing games and writing; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* College of Agriculture, Gwalior (M.P).

SHARMA, (DR) DINESH CHANDRA; Scientist and Project I/c Worcester Foundation Shrewsbury, Mass (USA) since 1961; *b* 1 Feb 1928, Hardwar (U.P); *Edn* MSc Agra Univ 1950, PhD Bombay Univ 1960, PhD Kansas State Univ (USA) 1961; *Exp* Lecturer Chemistry 1950-52, Resch Scholar Indian Vety Resch Inst 1952-57, Resch Asst Kansas State Univ (USA) 1957-60, Resch Fellow Worcester Foundation Shrewsbury, Mass (USA) 1960-61; *Mem* American Chemical Socy, New York Academy of Science and American Socy of Animal Science; *Pub* 11 papers on Biochemistry and Physiology published in scientific journals of repute; *Visited* USA; *Knows* German and French; *Specln* Enzymology and Biosynthesis of Steroid Ormones in Physiological & Pathological Cases; *Hobb* Law and Philosophy; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shree Niwas, Subhash Nagar, Bareilly (U.P).

SHARMA, (DR) GANPATI PARSHAD; Prof & Head Zoology Deptt Panjab Univ since 1959; *b* 11 Dec 1917, Ambala City (Punjab); *Edn* BSc (Hons), MSc & PhD (Cytology) Panjab Univ 1940, 1941 & 1945, PhD (Animal Genetics) Edinburgh Univ (UK) 1947; *Exp* Asst Resch Officer (Animal Genetics) Indian Vety Resch Inst, Izatnagar (U.P) 1948-49, Animal Geneticist Govt Livestock Farm, Hissar 1949-51, Reader Zoology Panjab Univ 1951-59; *Mem* Socy for Experimental Biology (UK), National Academy of Sciences (India), Marine Biological Assn of India, Zoological Socy, Calcutta and Indian Science Congress Assn; *Fellow* National Inst of Sciences of India, Royal Microscopical Socy of Great Britain, Zoological Socy, London, Zoological Socy of India, Academy of Zoology, Agra and Indian Academy of Zoology, Lucknow; *Pub* More than 70 resch papers in Indian and foreign journals, 12 radio talks and two tech reports; *Visited* Great Britain, Denmark, Sweden, Holland, Belgium, France,

Switzerland, Italy and Ceylon; *Knows* German; *Specln* Cytology—Nuclear and Cytoplasmic; *Hobb* Stamp & coin collection; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Zoology, Panjab University, Chandigarh 3 (Punjab).

SHARMA, GHAN SHIAM DASS; Asst Tech Adviser Office of the Regional Director (Food), Bombay; *b* 25 Dec 1930 (U.P); *Edn* MSc Agra Univ 1954, MA Panjab Univ 1957; *Exp* Scientist Defence Science Lab (Min of Defence) 1956-61; *Pub* Various papers published in journals of repute; *Specln* Food, Nutrition, Preservation and Extension; *Add* Care Shri H. S Gaur, E-F 610 Sarojini Nagar, New Delhi 3.

SHARMA, (DR) GIRDHARI LAL; Head Bacteriology & Verology Div Indian Vety Resch Inst, Mukteswar (U.P) since 1963; *b* 3 Sep 1919, Gurdaspur (Punjab); *Edn* LVP (Hons) Panjab Univ 1942, MS and PhD Michigan State Univ (USA) 1950 and 1951; *Exp* Resch Officer Pathology, Prof Pathology and Head Pathology & Bacteriology Div Indian Vety Resch Inst, Mukteswar (U.P) 1955-59, 1959-61 and 1961-63; *Mem* Animal Diseases & Pests Committee (ICAR) and Virus Expert Group (ICMAR); *Pub* 41 resch papers published in journals of international repute; *Knows* German; *Visited* USA, UK and Egypt; *Specln* Pathology and Bacteriology; *Hobb* Gardening; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Head Bacteriology & Virology Division, Indian Viterinary Research Institute, Mukteswar-Kumaon, Distt Nainital (U.P).

SHARMA, HARI RAM; Asst Prof Animal Nutrition U.P Agrl Univ, Pantnagar since Feb 1963; *b* 12 Oct 1935, Vill Mandauri (Rohtak); *Edn* BSc Delhi Univ 1955, BVSc & AH Vikram Univ 1959, MVSc (AH) Agra Univ 1961; *Exp* Resch Asst Biochemistry Indian Vety Resch Inst, Izatnagar 1961-63; *Mem* Vety Socy, Agrl Socy and Faculty of Agri U.P Agrl Univ, Pantnagar; *Pub* Four papers published in Indian Science Congress Journal; *Specln* Animal Nutrition; *Av'ble* for employment abroad (notice—two months); *Add* Vill Mandauri, P.O Mandora, Sonepat, Distt Rohtak (Punjab).

SHARMA, (DR) JAGDISH CHANDRA; Asso Prof & Head Extension Section Coll of Vety & Agri Punjab Agrl Univ, Hissar since Mar 1964; *b* 23 Oct 1929, Hissar; *Edn* BSc (Agri) (Hons) Delhi Univ 1950, Assoc IARI (Agronomy) Indian Agrl Resch Inst, New Delhi 1952, PhD Extension Edn Cornell Univ (USA) 1963 (First Indian to receive PhD in Extension Edn from Cornell Univ); *Exp* Sr Tech Resch Asst (Min of Edn) 1952-53, Resch Asst Indian Agrl Resch Inst, New Delhi 1953-56, Sr Tech

Asst (Min of Food & Agri), New Delhi 1956-63, Reader Extension Edn Coll of Agri Osmania Univ 1963-64; *Mem* Indian Socy of Agronomy and Indian Socy of Extension Edn; *Pub* 'Grasses & Legumes in India' and A.B.C of Extension Edn (under publication), four papers published in journals of repute and six articles; *Visited* USA, Italy, Switzerland, W.Germany, Austria, France, UK, Japan, Hong Kong and Thailand; *Knows* German; *Specln* Agrl & Animal Husbandry Extension; *Hobb* Photography, painting, writing and clipping collections from newspapers and magazines; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Jyotipura Hissar (Punjab).

SHARMA, INDER JIT; Agrl Block Inspector, Ghall Khurd; *b* 10 Jun 1945, Dharour (W.Pak); *Edn* BSc (Agri & A.H) Punjab Agrl Univ, Ludhiana 1964; *Exp* Agrl Inspector (Forest Deptt) 1964-65; *Hobb* Reading magazines and newspapers; *Av'ble* for employment abroad (notice—one month); *Add* S/o Shri Ralla Ram, Vill Dharour, P.O Sanehwal, Distt Ludhiana (Punjab).

SHARMA, KOMAL PRASAD; Regional Botanist Potato Experimental & Trial Centre, Babugarh (Meerut) since 1963; *b* 30 Jun 1926, Distt Aligarh; *Edn* BSc and MSc (Agri) Agra Univ 1947 and 1949; *Exp* Resch Asst Central Potato Resch Inst, Simla 1952-54, Asst Botanist Central Potato Resch Inst 1957-63; *Pub* Four resch papers in Indian Potato Journal; *Asso Mem* Indian Agrl Resch Inst, New Delhi; *Knows* German; *Specln* Genetics & Plant Breeding of Potato; *Hobb* Sports; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* S/o Syt Shanker Lal Sharma, Vakil, P.O Iglas, Distt Aligarh (U.P).

SHARMA, LAXMAN PRASAD; Vety Asst Surgeon Rinderpest Eradication Scheme, Narsinghpur; *b* 5 Jul 1941, Vrindaban, Distt Mathura (U.P); *Edn* BVSc & AH Jabalpur Univ 1964; *Exp* Vety Asst Surgeon, Bhopal, Khairagarh and Ambikapur; *Hobb* Reading, writing, laboratory work and working in fields; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* 2/826 A Nehru Road, Vrindaban, Distt Mathura (U.P).

SHARMA, MAHESH DUTT; Resch Asst Deptt of Animal Genetics & Breeding Livestock Resch Stn, Mathura (U.P) since 1958; *b* 15 Jan 1930, Mathura; *Edn* BVSc & AH Agra Univ 1956; *Exp* Vety Asst Surgeon 1956-58; *Mem* Indian Science Congress; *Pub* Ten resch papers published in journals of repute, three popular articles published and three more papers in press, Has got admission for studies in USA; *Specln* Studies of Economic Characters of Cattle & Buffalo (Population Genetics); *Hobb* Correspondence with Men of Animal Genetics & Breeding; *Av'ble* for

employment abroad (with the permission of Govt); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 21 Jagannath Puri, Mathura (U.P).

SHARMA, (DR) NRIPENDRA NARAYAN; Asst Prof Agronomy Bihar Agrl Coll, Sabour (Bihar) since 1963; *b* 1 Mar 1931, Nadauan, Distt Saran (Bihar); *Edn* BSc (Agri) & MSc (Agri) Bihar Univ 1953 & 1957, PhD Indian Agrl Resch Inst, New Delhi 1961; *Exp* Agrl Inspector 1953-55, Demonstrator Agri 1955-58, Subject Matter Specialist 1958-61, Demonstrator Agronomy (Post-Grad) 1961-63; *Mem* Indian Socy of Agronomy, Indian Socy of Genetics & Plant Breeding and International Potash Inst, Berne; *Visited* Nepal; *Knows* German and Nepali; *Specln* Soil and Water Management; *Hobb* Sight-seeing and gardening; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri J. N Sharma, Advocate, Dahiaon Ka Tola, P.O Chapra, Distt Saran (Bihar).

SHARMA, P. VENUGOPALA; Vety Asst Surgeon I/c Municipal Vety Dispensary, Dhone; *b* 16 Mar 1942, Kurnool (A.P); *Edn* BVSc & AH Osmania Univ 1964; *Pub* A paper on 'Disruption of Surgical Wounds' published in Osmania Veterinarian; *Hobb* Cricket and reading; *Av'ble* for employment abroad (notice—three months); *Add* I.C 187, Irrum Manzil Colony, Hyderabad (A.P).

SHARMA, PRITAM LALL; Entomologist (H.P), Simla since 1961; *b* 9 Nov 1916, Vill Sasoli, Distt Hoshiarpur; *Edn* BSc (Agri) and MSc (Agri) Panjab Univ 1935 and 1951; *Exp* Asst Entomologist (Bee-Keeping) and Locust Warning & Control Officer Deptt of Agri (Punjab) 1947-50 and 1953-54, Asst Entomologist Indian Agrl Resch Inst, Sub-Stn Pusa (Bihar) 1956-61; *Fellow Mem* Entomological Socy of India; *Ex-mem* All India Bee-Keepers' Assn and Indian Bee Journal; *Pub* 'Handbook of Bee-Keeping' (in collaboration with Dr Sardar Singh), Over 50 papers on 'Insect Pest Control and Bee-Keeping' in scientific & tech journals, and Annual Reports of ICAR Schemes—Punjab and H.P); *Specln* Insect Pest Control, Locust Control and Bee-Keeping; *Hobb* Walking; *Av'ble* for employment abroad (if Govt of India permits); *Add* Entomologist to Govt of H.P, Nanbahar, Simla 2 (H.P).

SHARMA, R. A; Resch Scholar Botany Deptt Gorakhpur Univ since 1965; *b* 20 Jan 1943, Distt Deoria; *Edn* BSc (Agri) Gorakhpur Univ 1961, MSc (Agrl Botany) Agra Univ 1964; *Exp* Asst Teacher Biology I. Coll, Baberu Aug-Sep 1961, Asst Teacher Biology K.I Coll, Lakshimiganj (Deoria) 1961-62, Part-Time Lecturer Botany R.M.P Coll, Narsan 1962-64, Resch Asst (U.P Govt) 1964-65; *Specln* Plant Physiology; *Hobb* Teaching; *Av'ble* for employment abroad; *Add* Vill Mahu Patan Bazar, P.O Sohanaria, Distt Deoria (U.P).

SHARMA, SUMERCHAND; Divisional Forest Officer, Simla since 1959; *b* 11 Nov 1929, Dhagali, Distt Sirmur; *Edn* DDR Indian Forest Rangers Coll, Dehra Dun 1950, Soil Conservation Trg, Ootacamund 1957; *Exp* Forest Range Officer 1950-59; *Mem* Soil Conservation Socy of India; *Pub* Working Plan Reports (under compilation); *Specln* Forestry and Soil Conservation; *Hobb* Photography; *Av'ble* for employment abroad (notice – three months); *Add* Vill Dhagali, P.O Rajpur, Tehsil Paonta, Distt Sirmur (H.P).

SHARMA, (DR) UDHISHTRA DEVA; Prof Animal Husbandry Punjab Agrl Univ, Hissar since 1964; *b* 16 Aug 1928, Amritsar; *Edn* BVSc Panjab Univ 1948, MSc and PhD Illinois Univ 1954 and 1957; *Exp* Resch Asst & Fellow Indian Vety Resch Inst in United States 1948-57, Project Asso 1957, Prof Animal Genetics Indian Vety Resch Inst, Izatnagar 1958-64; *Pub* Over 30 scientific papers published in reputed resch journals; *Visited* USA, England, Netherlands, France, Germany, Switzerland and Italy; *Knows* German and French; *Specln* Animal Reproduction; *Add* 137 Ram Nagar, P.O Gandhi Nagar, Delhi 31.

SHARMA, (DR) VED VRATA; Reader & Head Animal Husbandry Deptt Rajasthan Coll of Agri (Univ of Udaipur) since 1960; *b* 27 Jan 1930, Mathura; *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1949 & 1951, PhD Minnesota Univ (USA) 1963; *Exp* Lecturer and Asst Prof (Part-Time) B.R Coll, Agra 1950-52, Sr Lecturer Govt Agri Coll, Gwalior 1952-59; *Pub* One book, three resch papers and two theses; *Visited* USA, UK, Canada, France and Switzerland; *Knows* German; *Specln* Dairy Husbandry, Animal Nutrition and Animal Husbandry; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 1464 General Ganj, Mathura (U.P).

SHARMA, VIJAY KUMAR; Lecturer Himachal Agri Coll, Solan since Jul 1962; *b* 1 Apr 1935, Poonia (Punjab); *Edn* BSc (Agri) and MSc (Agri) Panjab Univ 1953 and 1956; *Exp* Lecturer various Agrl Colls 1956-62; *Pub* One paper and four popular articles; *Specln* Plant Physiology and Hard-Coated Seeds; *Hobb* Photography, stamp-collection and studying literature; *Av'ble* for employment abroad (notice—three months); *Add* Kucha Panditan, Tunda Talab, Amritsar (Punjab).

SHEOPURIA, RAJA RAM; Resch Asst (Asst Wheat Breeder) M.P Agrl Resch Inst, Jabalpur since Oct 1961; *b* 10 Mar 1939, Khurai, Distt Saugar; *Edn* BSc (Agri) and MSc (Agrl Botany) Jabalpur Univ 1959 and 1961; *Exp* Started Project on 'Breeding of Wheat Varieties Redistant to Draught' (in collaboration with Wheat Specialist—Deptt of Agri, M.P) ; At present engaged in Breeding Wheat Varieties suited for Haveli Tract & Double Cropping Areas, also introducing few Mexican varieties

which can give 10 000 lb yield per acre under high fertility conditions, Seed Multiplication of Mexican Varieties in Progress; *Mem* Indian Socy of Genetics & Plant Breeding and Indian Agrl Resch Inst, New Delhi; *Pub* Resch works published in annual official tech reports; *Specln* Cytogenetics and Plant Breeding in Wheat Crop; *Hobb* Resch, reading literature and sports; *Av'ble* for employment abroad (notice—two months); *Add* 7 Adarshnagar, P.O Adhartal, Jabalpur (M.P).

SHETTY, H. P CHANDRASHEKARA; Resch Officer Central Inland Fisheries Resch Inst, Barrackpore; *b* 17 May 1930, Brahmavar (Mysore); *Edn* BSc (Hons), MA and MSc Madras Univ 1953, 1954 and 1956; *Exp* Lecturer Zoology Minerva Coll, Madras Jul-Sep 1953, Lecturer Biology Jaffna Coll, Vaddukoddai (Ceylon) 1953-54, Asst Prof Zoology & Head Biology Deptt Ahmednagar Coll, Ahmednagar Jul-Sep 1956, Resch Asst and Asst Resch Officer Central Inland Fisheries Inst, Barrackpore 1956-57 and 1957-62; *Mem* National Academy of Sciences of India, Allahabad and Indian Assn of Biological Sciences; *Pub* Seven resch papers published in journals of repute and several tech reports; *Visited* Ceylon; *Specln* Fisheries Biology, Documentation and Marine Biology; *Hobb* Photography; *Av'ble* for employment abroad (subject to the permission of Govt); *Add* Brahmavar, Distt South Kanara (Mysore State).

SHITOLE, CHATURBHUJ BANKAT; Principal Shankarrao Nimbalkar Adhyapak Vidyalaya, Barsi since 1954; *b* 10 Feb 1929, Khamgaon (Maharashtra); *Edn* BSc (Agri), BT and MEd Poona Univ 1952, 1954 and 1964; *Exp* Headmaster Janta Vidyalaya, Yedsi and Maharashtra Vidyalaya, Barsi 1952-53 and 1954-55; *Chairman* Karmveer Co-operative Housing Socy, Barsi since 1963; *Secy* Shri Shivaji Shikshan Prasarak Mandal, Barsi since 1959; *Pub* Series of 'Sheti Shastra Pravesh'; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India); *Add* Principal, Shankararrao Nimbalkar, Adhyapak Vidyalaya, Barsi, Distt Sholapur (Maharashtra).

SHIVANNA, KUNDARANAHALLI RAMALINGAIAH; Jr Resch Fellow Botany Deptt Delhi Univ; *b* 30 Jun 1940, Kundaranahalli (Mysore State); *Edn* BSc and MSc Mysore Univ 1961 and 1963; *Mem* International Socy of Plant Morphologists; *Pub* A paper on 'Test Tube Fertilization and Seed Formation in Petunia Violacea (Lindle)' (in press); *Specln* Botany; *Av'ble* for employment abroad (notice—six months); *Add* Kundaranahalli, P.O Adalagere, Gubbi Taluk, Distt Tumkur (Mysore State).

SHRINIVAS, RAMCHANDRA BAGAL; Prof Agrl Entomology Coll of Agri, Nagpur since 1960; *b* 9 Oct 1912, Kalas (Mysore State); *Edn* BSc and MSc Bombay Univ 1936 and 1941; *Exp* The Grapevine Betel Investigator,

Nasik 1939-42, Demonstrator & Lecturer Zoology Coll of Agri, Poona 1942-44 & 1944-45, Entomological Officer Agri Resch Stn, Padegaon 1945-49, Asst Entomologist Sugarcane Pests Scheme, Walchandnagar 1949-58, Agrl Entomologist (Bombay State), Poona 1958-59; *Fellow* Entomological Socy of India; *Pub* 13 resch papers published in journals of repute; *Knows* French; *Specln* Agrl Entomology and Plant Protection; *Hobb* Badminton, tennis, vocal music and sports; *Av'ble* for employment abroad subject to being permitted by the State Govt (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Panchavati, 1205/1 B, Snirole Road, Poona 4 (Maharashtra).

SHUKLA, SURYA PRAKASH; *b* 31 Mar 1930; *Edn* BSc Calcutta Univ 1949, MSc Agra Univ 1955; *Exp* Resch Scholar Zoological Survey of India, Calcutta 1955-58 (compiled data for PhD on 'Plant Betel' but according to his versions failed to get co-operation from the guides resulting in a forced resignation); *Ex-mem* Entomological Socy of India; *Pub* Resch paper on 'Chrysomelidae' (Plant Betel from High Altitudes) important for Agri & Farms; *Knows* German; *Hobb* Betel collection from plants; *Av'ble* for employment abroad (notice—one year); *Add* 113/105 Swarupnagar, Kanpur (U.P).

SIDDIQI, (DR) MOHAMMAD RAFIQ; Lecturer Plant Nematology & General Zoology Aligarh Univ since 1962; *b* 6 May 1934, Karwai (U.P); *Edn* BSc Agra Univ 1953, MSc and PhD Aligarh Univ 1955 and 1960; *Exp* Resch Officer Rothamsted Expt Stn, Harpenden (England) Apr-Sep 1962; *Mem* Helminthological Socy of Washington and Socy of European Nematologists; *Pub* 60 resch papers published in journals of repute; *Visited* England; *Knows* German and Persian; *Specln* Plant Nematology and Rhesus Ecology; *Hobb* Big game shooting; *Av'ble* for employment abroad (notice – three months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* P.O Karwai, Distt Banda (U.P).

SIDDIQI, (DR) OBAID; Fellow & Head Molecular Biology Univ Tata Inst of Fundamental Resch, Bombay since 1962; *b* 7 Jan 1932, Basti (U.P); *Edn* MSc Aligarh Univ 1953, PhD Glasgow Univ (Scotland) 1961; *Exp* Lecturer Aligarh Univ 1954-58, Resch Scholar Glasgow Univ (Scotland) 1958-61, Lalor Foundation Fellow Cold Spring Harbour, Long Island N.Y (USA) & Fellow Univ of Pennsylvania (USA) 1961-62, Visiting Scientist Cambridge Univ (England) in 1962; *Pub* Several papers on 'Genetics & Molecular Biology'; *Specln* Microbial Genetics and Molecular Biology; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Tata Institute of Fundamental Research, Colaba, Bombay (Maharashtra).

SINDGI, BHIMAPPA HEMADREPPA; Prof Animal Husbandry & Dairying

Coll of Agri, Dharwar since 1959; *b* 20 Jan 1920, Ukkali (Mysore State); *Edn* BSc (Agri) (Hons) Bombay Univ 1944, MSc (Agri) Karnatak Univ 1960; *Exp* Demonstrator Coll of Agri, Poona 1944-47, Lecturer Coll of Agri, Dharwar 1947-57, General Manager Milk Supply Scheme, Dharwar 1957-58; *Pub* Various popular articles; *Specln* Animal Husbandry; *Hobb* Playing and gardening; *Av'ble* for employment abroad (notice—two years); *Add* Ukkali, Taluka Bagewadi, Distt Bijapur (Mysore State).

SINDHA, AMAR SINGH; Extension Officer (Agri), Miyagann-Karjan, Distt Baroda; *b* 31 Mar 1940; *Edn* BSc (Agri) Sardar Vallabhbhai Vidyapeeth Univ 1964; *Mem* Yuva Krishak Samaji and Forum of Free Enterprize; *Hobb* Reading and travelling; *Av'ble* for employment abroad (notice—one month); *Add* Abhol, Taluq Padra, Po st Kural, Distt Baroda (Gujarat).

SINGH, CHETAN; Asst Prof Horticulture B.R Coll, Agra since 1963: *Edn* BSc (Agri) and MSc (Agrl Horticulture) Agra Univ 1958 and 1960; *Exp* Lecturer Horticulture C.A Degree Coll, Rampur Maniharan (U.P) 1960-63; *Specln* Horticulture; *Hobb* Games, sports and teaching; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Mandoura P.O Sakoti-Tanda, Distt Meerut (U.P).

SINGH, (DR) CHINTAMANI; Dean Coll of Vety & Animal Science Punjab Agrl Univ Campus, Hissar since 1964, Prof & Head Pathology & Bacteriology Deptt U.P Vety Coll, Mathura since 1957; *b* 30 Nov 1922, Balawon (U.P); *Edn* GBVC Vety Coll, Patna 1947, MSc and PhD Michigan State Univ 1953 and 1956, Post-Doctoral Resch Vety Virus Resch Inst Cornell Univ 1956; *Exp* Dean Faculty of Vety Science Agra Univ 1958-61, Recognized Guide and Supervisor for MVSc and PhD thesis of Agra Univ besides Teaching Degree and Post-Grad Classes; *Mem* Indian Science Congress, National Academy of Sciences, Assn of Microbiologists of India, Indian Vety Assn and Indian Public Health Assn; *Pub* About 45 papers published in journals of repute and several book reviews; *Visited* USA, UK, France and Italy; *Knows* German; *Specln* Pathology and Bacteriology; *Hobb* Gardening; *Listed* National Register (CSIR), 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Vill Belawon, P.O Muftiganj, Distt Jaunpur (U.P).

SINGH, (DR) DHARAMPAL; Principal Govt Agrl Coll, Kanpur since 1962; *b* 18 Oct 1922; *Edn* BSc (Agri) Agra Univ 1941, MSc (Botany) B.H Univ 1945, MSA Toronto Univ (Canada) 1947, PhD Minnesota Univ (USA) 1949; *Exp* Head Pircom Centre ICAR, Kanpur 1958-62, Chief Oilseed Divisional Officer Indian Central Oilseed Committee, Hyderabad

Jan-Sep 1962; *Mem* Sigma Xi; *Pub* 45 papers in reputed journals; *Visited* Canada, USA and UK; *Specln* Genetics and Plant Breeding; *Hobb* Rose-growing; *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Principal, Government Agricultural College, Kanpur (U.P).

SINGH, (DR) GIRI RAJ; Plant Pathologist Sugarcane Breeding Inst, Coimbatore; *b* 3 May 1929, Maharauli; *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1948 & 1950, MS Univ of Wisconsin (USA) 1955, PhD Louisiana State Univ (USA) 1959; *Exp* Plant Protection Asst and Resch Asst Mycology & Plant Pathology 1951-54, Resch Asst Plant Pathology Univ of Wisconsin and Louisiana State Univ 1954-60, Pool Officer Plant Pathology 1960-64; *Mem* Indian Sugarcane Journal and Pusa Agrl Resch Socy; *Life Mem* Indian Phytopathological Socy; *Pub* 12 papers published in journals of repute; *Visited* Ceylon, Singapore, Hong Kong, Japan, Hawaii, USA, England, France, Germany, Switzerland, Italy and Egypt; *Knows* German and French (Reading knowledge); *Specln* Plant Pathology and Sugarcane Pathology (Fungal and Virus Diseases); *Hobb* Gardening and swimming; *Av'ble* for employment abroad; *Add* Vill Maharauli, P.O Mohiuddinapur, Distt Meerut (U.P).

SINGH, GURMEL; Asst Soil Conservation Officer, Kota (Rajasthan) since Jun 1963; *b* 10 Nov 1935, Distt Montgumary; *Edn* BSc (Agri) Panjab Univ 1956, Assoc IARI 1958; *Mem* Indian Socy of Agronomy and Arid Zone Socy of India; *Pub* Three tech papers in resch journals; *Specln* Soil & Water Conservation and Agronomy; *Listed* All India Civil List and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Kotlaafgana, P.O Payal, Ludhiana (Punjab).

SINGH, (DR) JAI NARAIN; Lecturer Plant Physiology Coll of Agri B.H Univ since Jan 1964; *b* 20 Jan 1926 (Bihar); *Edn* MSc (Agri) and PhD B.H Univ 1951 and 1955; *Exp* Asst Prof Agri, Sabour (Bihar) 1956-58, Resch Fellow Timiriyazev Inst of Plant Physiology, Moscow (USSR) 1958-60, FAO Fellow National Inst of Agrl Science, Tokyo (Japan) 1960-62, Scientists Pool Officer Coll of Agri B.H Univ 1962-64; *Mem* Socy of the Science of Soils and Manures (Japan) and Plant Physiology Socy Coll of Agri (B.H Univ); *Pub* 12 papers published in scientific and tech journals of repute; *Visited* USSR, Japan, UK, France, Denmark and Finland; *Knows* Russian and Japanese; *Specln* Plant Physiology; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Bhadaula, P.O Kudra, Distt Shahabad (Bihar).

SINGH, (DR) JAGAT PAL; Asst Prof Entomology U.P Agrl Univ, Pantnagar since 1960; *b* 2 Mar 1927, Kanpur; *Edn* BSc Agra Univ 1952, MSc

Allahabad Univ 1954, PhD Michigan State Univ (USA) 1959; *Exp* Lecturer Delhi Univ 1959-60; *Mem* Entomological Socy of India, Indian Agrl Resch Inst (Entomology Div), New Delhi and Academy of Zoology (U.P); *Pub* A tech book entitled 'Insecticides and Pest Control', review on 'Bee-Keeping in India' by Dr Sardar Singh; *Visited* USA, UK, France and Italy; *Knows* French; *Specln* Entomology-cum-Fisheries; *Hobb* Writing scientific books; *Av'ble* for employment abroad (notice—three months): *Add* Entomology Department, U.P Agricultural University, Pant Nagar, Distt Nainital (U.P).

SINGH, JAMUNA SHARAN; Resch Asst (P.L 480) Ecology of Weeds B.H Univ; *b* 26 Dec 1941, Allahabad; *Edn* BSc (Zoology, Chemistry & Botany) (First rank in Zoology & Botany) and MSc (Botany) (first position) Allahabad Univ 1957 and 1959; *Exp* Resch Asst Central Botanical Lab (Botanical Survey of India), Calcutta 1960-62; *Mem* International Socy for Tropical Ecology (Worked as Convener of the Committee to revise the Constitution), National Academy of Sciences (India), B.H Univ Botanical Socy (Vice-Pres 1963-64) and Ecology Resch Circle B.H Univ; *Pub* A book 'Research Methods in Plant Ecology' (in press) and 15 resch papers published in journals of repute; *Specln* Plant Ecology and Physiology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* 253 Sohbatia Bagh, Allahabad 6 (U.P).

SINGH, (DR) KIRTI; Asso Prof Vegetables Punjab Agrl Univ, Ludhiana since Mar 1965; *b* 26 May 1934, Basgit (U.P); *Edn* BSc (Agri) Agra Univ 1955, MS (Agri) and PhD (Vegetable Crops) Univ of Florida (USA) 1960 and 1962; *Exp* Demonstrator Agronomy Govt Agri Coll, Kanpur 1956-58, Resch Asst Univ of Florida 1958-62, Pool Officer (CSIR) Govt Agrl Coll, Kanpur 1962-63, Vegetable Specialist (J & K Govt) 1963-64; *Mem* American Socy of Horticultural Science, Florida State Horticultural Socy (USA), International Honour Socy of Agri, Gamma Sigma Delta, Florida Crops & Soil Science Socy, Horticultural Socy of India, Indian Socy of Agronomy and J&K Horticultural Socy; *Fellow* Royal Horticultural Socy, London; *Pub* 14 papers published in reputed journals of India and abroad one of which was awarded Silver Medal & a Cash Prize of $ 100·00 for the best vegetable resch paper in USA (1961), four more under preparation; *Visited* USA, Japan, Philippines and Thailand; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri J.B Singh, Village Basgit, P.O Amihit, Distt Jaunpur (U.P).

SINGH, (DR) KUNWAR BRIJENDRA PRATAP; Asso Prof (Resch & Teaching) since 1964; *b* 10 Oct 1938, Fatehpur (U.P); *Edn* BSc (Agri) & MSc (Agri) (Horticulture) Agra Univ 1958 & 1960, PhD (Horticulture) Univ fo

Florida (USA) 1963; *Exp* Resch Asst & Resch Fellow Univ of Florida 1960-62 & 1962-63, Pool Officer (CSIR) 1963-64; *Mem* American Socy of Horticulture Science, Plant Physiology (USA) and Indian Horticulture Socy; *Pub* One book (under preparation), five papers published in journals of repute and three tech reports; *Visited* USA, Europe and Jamica; *Knows* German; *Specln* Citrus Viruses and its Abnormal Physiology and Modification by the Use of Growth Regulators; *Hobb* Resch and reading; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Rajbhawan, Kora-Jaharabad, Fatehpur (U.P).

SINGH, (DR) MAHATIM; Principal & Prof Agronomy Himachal Agrl Coll, Solan (H.P) since 1963; *b* 16 Dec 1931, Udharanpur (U.P); *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1952 & 1954, DSc (Agri) Univ of Tokyo (Japan) 1961; *Exp* Lecturer Agronomy Coll of Agri & Cane Resch, Deoria (U.P) 1954-56, Sr Agronomical Asst Deptt of Agri (Bihar) May-Aug 1955, Asst Prof Agronomy B.R Coll, Agra Aug-Oct 1955, Lecturer Agronomy Coll of Agri B.H Univ 1955-63; *Mem* Socy of the Science of Soil & Manure (Japan) and Agronomical Socy of India; *Pub* 14 papers published in scientific journals of repute and also six popular articles; *Visited* Japan; *Knows* Japanese; *Specln* Plant Nutrition; *Hobb* Badminton and reading books; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Care Shri Ram Nath Singh, Vill Udharanpur, P.O Karanda, Distt Ghazipur (U.P).

SINGH, (DR) NAGENDRA PRATAP; Asst Prof Pathology U.P Agrl Univ, Pantnagar since 1965; *b* 10 Jul 1936, Varanasi (U.P); *Edn* BSc Lucknow Univ 1955, BVSc & AH Agra Univ 1960, MS and PhD Kansas State Univ 1962 and 1965; *Exp* Resch Asst Biological Products Section, Lucknow 1960-61, Resch Asst Kansas State Univ, Manhathan 1961-65; *Mem* Socy of Sigma Xi, Gamma Sigma Delta, American Socy of Animal Science, American Assn for Advancement of Science, Kansas Academy of Science and U.P Vety Med Assn; *Ex-exec Mem* Lucknow Univ Science Assn; *Pub* Three resch papers, two tech reports, one thesis and one dissertation; *Visited* USA, Canada, England, France, Switzerland and Italy; *Knows* French; *Specln* Pathological, Bacte riological and Immunological Causes in relation to early Embryonic Mortality; *Hobb* Music, reading and games; *Av'ble* for employment abroad (notice—three to four months); *Listed* National Register (CSIR); *Add* Vill Nadiapara, Post Kunja, Distt Jaunpur (U.P).

SINGH, NARSINGH NARAIN; Resch Asst Maize Scheme Cereal Lab Indian Agrl Resch Inst, New Delhi; *b* 20 Aug 1943, Pali (U.P); *Edn* BSc Gorakhpur Univ 1961, MSc (Botany) Agra Univ 1964; *Exp* Resch Asst Rockefeller Foundation Cereal Lab, New Delhi Jun-Nov 1964; *Mem*

Indian Science Congress and Journal of Science & Technology 'Lavdev'; *Pub* A paper published in a reputed journal; *Add* Vill & P.O Pali, Distt Gorakhpur (U.P).

SINGH, ONKAR; Asst Prof Agronomy Coll of Agri, Hissar since 1963; *b* 26 Jul 1934, Etah (U.P); *Edn* BSc and MSc (Agri) Agra Univ 1956 and 1958; *Exp* Asst Prof Agronomy B.R Coll, Agra 1958-63; *Mem* Indian Socy of Agronomy; *Pub* One paper in a reputed journal; *Specln* Agronomy; *Hobb* Sports; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Sarainib, P.O Jaleser, Distt Etah (U P).

SINGH, (DR) PRITAM; Resch Asso Entomology Deptt Univ of Kentucky (USA) since 1964; *b* 9 Dec 1935, Lyallpur (W.Pak); *Edn* BSc (Hons) Patna Univ 1957, Assoc IARI and PhD Indian Agrl Resch Inst, New Delhi 1959 and 1963; *Exp* Jr Resch Fellow (CSIR) 1960-63, Sr Resch Fellow (CSIR) 1963-64; *Mem* Entomological Socy of America; *Life Mem* Entomological Socy of India; *Pub* Five resch papers in reputed journals; *Knows* German; *Specln* Insect Toxicology and Acarology; *Hobb* Reading and travelling; *Av'ble* for employment abroad (notice—three months); *Listed* Insect Toxicologist Information Service, Netherlands and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Pratap Singh, N.E Railway Officer's Colony, Bungalow No. 26, Road No. 4, Izatnagar, Distt Bareilly (U.P).

SINGH, (DR) RAGHVENDRA PAL; *b* 10 Jan 1939, Mahsin; *Edn* BSc & MSc Govt Agri Coll, Kanpur 1957 & 1959, PhD Univ of Florida (USA) 1964; *Exp* Physiological Resch Asst 1959, Agronomical Resch Asst 1960-62; *Mem* Weed Socy of America, American Socy of Agronomy and Gamma Sigma Delta; *Pub* Four papers published in journals of repute; *Visited* (USA); *Knows* French and German; *Specln* Agronomy (Weed Control); *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Mahsin, P.O Majhaua Mir, Distt Basti (U.P).

SINGH, (DR) RAIZADA MADAN MOHAN; Lecturer Botany Deptt Michigan State Univ, East Lansing Mich (USA) since Jul 1964; *b* 23 Jun 1939, Bareilly (U.P); *Edn* MSc (Biochemistry) Nagpur Univ 1959, PhD (Biochemistry) Univ of Maryland (USA) 1964; *Asso Mem* Sigma Xi (St Louis Univ Chapter); *Pub* Five papers; *Specln* Intermediary Metabolism of Amino Acids, Enzymology and Protein Biosynthesis; *Hobb* Non-fictional reading and travelling; *Av'ble* for employment in India in Jul 1966 (notice—three months); *Listed* 'Satsangies abroad' published by Radhasoami Satsang Sabha, Dayalbagh,

Agra and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 82 Shahabad, Bareilly (U.P).

SINGH, RAJENDRA PAL; Reader Agri Regional Coll, Ajmer since 1963; *b* 27 Mar 1930, Bulandshahar (U.P); *Edn* MSc (Agri) Agra Univ 1949, Assoc IARI Indian Agrl Resch Inst, New Delhi 1952; *Exp* Sr Agronomical Asst 1953-58, Asst Registrar Co-operative Societies (U.P) 1958-60, Asst Prof Agronomy Indian Agrl Resch Inst, New Delhi 1960-63; *Mem* Indian Socy of Agronomy, New Delhi and Central Arid Zone Resch Assn of India, Jodhpur; *Pub* 28 resch papers published in reputed scientific journals; *Visited* Pakistan and USA; *Specln* Agronomy and Crop Husbandry; *Av'ble* for employment abroad (immediately); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Jhamman Singh, Retired Principal, House No. 873, Teachers' Colony, Bulandshahar (U.P).

SINGH, (DR) RAJENDRA PRASAD; Asso Prof Medicine Punjab Vety Coll, Hissar since 1964; *b* 18 Apr 1935, Faizabad; *Edn* BSc and BVSc & AH Agra Univ 1954 and 1958, MS and PhD Univ of Minnesota (USA) 1962 and 1964; *Exp* Vety Asst Surgeon (U.P) 1958-59, Part-Time Resch Asst Univ of Minnesota and Coll of Vety Medicine Univ of Minnesota (USA) 1960-62 and 1962-64, Pool Officer (CSIR) Jun-Nov 1964; *Mem* American Socy of Phi-Zeta and Minnesota Alumni Assn (Univ of Minnesota—USA); *Pub* Thesis on 'Microbiological Survey of Poultry Houses & Hatcheries; *Visited* USA; *Knows* Spanish; *Specln* Vety Medicine; *Hobb* Reading and short tours; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* K-57/115 A Navapura, Distt Varanasi (U.P).

SINGH, RAMNARAIN GAYAPRASAD; *b* 28 Jan 1943, Distt Sultanpur (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1963; *Exp* Agri Teacher 1963-64; *Hobb* Agrl things; *Av'ble* for employment abroad (immediately); *Add* Vill Banger Kalan, P.O Meopur, Distt Sultanpur (U.P).

SINGH, SAMARATH; Demonstrator Community Canning Centre (Min of Food & Agri), Bombay since Jan 1965; *b* 10 Feb 1944, Vill Sarauni Purab Pati, Distt Jaunpur (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1964; *Hobb* Curiosity in public relation; *Av'ble* for employment abroad (notice—1½ months); *Add* Vill Sarauni Purab Pati, Post Sarauni, Distt Jaunpur (U.P) and Aptay Building, Chowpatty Road, Bombay 7 (Maharashtra).

SINGH, (DR) RATAN; Asso Prof Zoology B.R Coll Agra; *b* 3 Oct 1921, Gwalior; *Edn* BSc, MSc and PhD Agra Univ 1945, 1947 and 1963; *Exp* Joind as Asst Prof Zoology in 1947, Serving NCC for 15 years (Present

Rank—Major); *Mem* Indian Science Congress Assn, Zoological Socy of India and Indian Academy of Science; *Specln* Fishes; *Hobb* Excursions, camps and collections; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* Goyal Building, Mathura Road, Agra (U.P).

SINGH, SANTOSH PRATAP; Lecturer Zoology Udai Pratap Coll, Varanasi; *b* 2 Mar 1942, Bijnor (U.P); *Edn* BSc and MSc (Zoology) B.H Univ 1962 and 1964; *Hobb* Resch work, tennis and cycling; *Av'ble* for employment abroad (notice—two months); *Add* Vill Padarthpur, P.O Saharanpur, Distt Bijnor (U.P).

SINGH, (DR) SHEO MURAT; Prof & Head Horticulture Deptt B.R Coll, Bichpuri, Agra since 1949; *b* 5 Sep 1917, Jaunpur (U.P); *Edn* BSc (Agri) Agra Univ 1940, MSc (Agrl Botany) B.H Univ 1942, PhD Agra Univ 1954, Post-Doctoral Resch in Horticulture (one year) East Malling Resch Stn, Kent (England) 1956; *Exp* Inspector Deptt of Agri & Civil Supplies (U.P) 1942-46, Asst Prof Crop Husbandry B.R Coll, Agra 1946-49; *Mem* Indian Socy of Plant Physiology; *Life Mem* Horticulture Socy of India; *Fellow* Royal Horticulture Socy, London; *Pub* Over two dozen resch papers and many reputed articles published in leading journals & magazines; *Visited* UK, Egypt, W.Africa and S.Africa; *Knows* German; *Specln* Horticulture; *Hobb* Badminton, bridge, light reading and gardening; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Vill Bhaura, P.O Kerakat, Distt Jaunpur.

SINGH, (DR) SURINDER SHAH; Post-Doctorate Resch Fellow National Resch Council at Soil Resch Inst, Ottawa (Canada) since Oct 1964; *b* 4 Jan 1937, Kotshakir (W.Pak); *Edn* BSc (Agri) & MSc (Agri), (Medallist) Panjab Univ 1957 & 1960, PhD Indian Agrl Resch Inst, New Delhi 1963; *Exp* Resch Asst 1959-60, Post-Doctorate Resch Fellow Coll of (Agri), Uppsala (Sweden) 1963-64, Participated 'Symposium on Sodic Soils', Budapest (Hungary), 8th International Congress of Soil Science, Bucarest (Rumania) 1964; *Mem* Indian Socy of Soil Science, Delhi and International Socy of Soil Science, Amsterdam (Holland); *Pub* Six papers published in scientific journals of repute and two theses (one for MSc and other for PhD); *Specln* Soil Science (Ion Exchange Reactions in Soils); *Hobb* Travelling and visiting friends; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 35 Jheel Kuranja, Delhi 31.

SINGH, VIJAY PAL; Agrl Block Supervisor Hindustan Lever Ltd, Ghaziabad since Nov 1964; *b* 5 Jan 1943; *Edn* BSc (Agri & AH) (Hons) U.P Agrl Univ 1964; *Ex-mem* NCCR & Scouting; *Pub* Terms paper on 'Anatomy of Dairy Cattle' and 'Milk Quality Control Tests'; *Specln* Agronomy, Agrl Extension and Dairy Husbandry; *Hobb* Thinking, running and reading new publications; *Av'ble* for employment abroad (immediately); *Add* Care Shri Man Singh Ji, Vill & P O Budgara, Distt Bijnor (U.P).

SINGH, VIR BAHADUR; Asst Prof Animal Husbandry & Dairying B.R Coll, Agra since Jul 1962; *b* 21 Mar 1942, Distt Mainpuri (U.P); *Edn* BSc (Agri) and MSc (Agri) (Animal Husbandry & Dairying) Agra Univ 1960 and 1962; *Mem* Indian Dairy Science Assn, Bangalore, Agra Univ Teachers' Assn, Agra and Staff Club B.R Coll, Agra; *Pub* Tech book on 'Chemistry of Milk and Milk Products' (in press), also two resch papers in Ind. J. Dairy Sci. (1964); *Specln* Dairy Chemistry and Dairy Bacteriology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* Shri Vir Bahadur Singh, V & P.O Gangsi, Distt Mainpuri (U.P).

SINGH-ROY, (DR) KAMAL KRISHNA; Post-Doctoral Resch Fellow Indian Council of Med Resch Zoology Deptt Calcutta Univ since 1964; *b* 2 Oct 1928, Surjapur (W.B); *Edn* MBBS and DPhil (Medicine) Calcutta Univ 1955 and 1964; *Exp* Chief Monitor, Jr House Surgeon and Sr House Surgeon R.G Kar Med Coll Hospital 1953-55, 1956-57 and Jun-Nov 1957; *Fellow* Zoological Socy, Calcutta; *Pub* Ten papers (One presented at 2nd international conference on Protozoology, UK) and various popular articles published in journals of international repute; *Specln* Development and Comparative Anatomy; *Hobb* Photography; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 25/1A Anath Nath Dev Lane, Calcutta 37 (W.B).

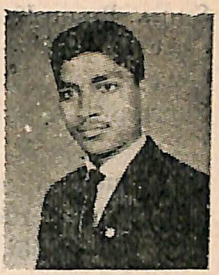
SINHA, (DR) ASOKE KUMAR; Lecturer Plant Pathology Kalyani Univ since 1965; *b* 17 Feb 1931, Calcutta; *Edn* BSc (Hons) & MSc Calcutta Univ 1951 & 1953, PhD and DIC London Univ 1964; *Exp* Lecturer Botany City Coll, Calcutta 1954-55, Lecturer Botany Govt Coll, Darjeeling 1955-58, Lecturer Botany Presidency Coll, Calcutta 1958-61; *Pub* Nine resch papers published in journals of repute; *Visited* UK; *Specln* Mycology and Plant Pathology; *Hobb* Reading, stamp collecting and travelling; *Av'ble* for employment abroad (notice—three months); *Add* P 12/3 Central Avenue East, P.O Kalyani, Distt Nadia (W.B).

Rank—Major); *Mem* Indian Science Congress Assn, Zoological Socy of India and Indian Academy of Science; *Specln* Fishes; *Hobb* Excursions, camps and collections; *Av'ble* for employment abroad (notice—three months); *Listed* National Register (CSIR); *Add* Goyal Building, Mathura Road, Agra (U.P).

SINGH, SANTOSH PRATAP; Lecturer Zoology Udai Pratap Coll, Varanasi; *b* 2 Mar 1942, Bijnor (U.P); *Edn* BSc and MSc (Zoology) B.H Univ 1962 and 1964; *Hobb* Resch work, tennis and cycling; *Av'ble* for employment abroad (notice—two months); *Add* Vill Padarthpur, P.O Saharanpur, Distt Bijnor (U.P).

SINGH, (DR) SHEO MURAT; Prof & Head Horticulture Deptt B.R Coll, Bichpuri, Agra since 1949; *b* 5 Sep 1917, Jaunpur (U.P); *Edn* BSc (Agri) Agra Univ 1940, MSc (Agrl Botany) B.H Univ 1942, PhD Agra Univ 1954, Post-Doctoral Resch in Horticulture (one year) East Malling Resch Stn, Kent (England) 1956; *Exp* Inspector Deptt of Agri & Civil Supplies (U.P) 1942-46, Asst Prof Crop Husbandry B.R Coll, Agra 1946-49; *Mem* Indian Socy of Plant Physiology; *Life Mem* Horticulture Socy of India; *Fellow* Royal Horticulture Socy, London; *Pub* Over two dozen resch papers and many reputed articles published in leading journals & magazines; *Visited* UK, Egypt, W.Africa and S.Africa; *Knows* German; *Specln* Horticulture; *Hobb* Badminton, bridge, light reading and gardening; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Vill Bhaura, P.O Kerakat, Distt Jaunpur.

SINGH, (DR) SURINDER SHAH; Post-Doctorate Resch Fellow National Resch Council at Soil Resch Inst, Ottawa (Canada) since Oct 1964; *b* 4 Jan 1937, Kotshakir (W.Pak); *Edn* BSc (Agri) & MSc (Agri), (Medallist) Panjab Univ 1957 & 1960, PhD Indian Agrl Resch Inst, New Delhi 1963; *Exp* Resch Asst 1959-60, Post-Doctorate Resch Fellow Coll of (Agri), Uppsala (Sweden) 1963-64, Participated 'Symposium on Sodic Soils', Budapest (Hungary), 8th International Congress of Soil Science, Bucarest (Rumania) 1964; *Mem* Indian Socy of Soil Science, Delhi and International Socy of Soil Science, Amsterdam (Holland); *Pub* Six papers published in scientific journals of repute and two theses (one for MSc and other for PhD); *Specln* Soil Science (Ion Exchange Reactions in Soils); *Hobb* Travelling and visiting friends; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 35 Jheel Kuranja, Delhi 31.



SINGH, VIJAY PAL; Agrl Block Supervisor Hindustan Lever Ltd, Ghaziabad since Nov 1964; *b* 5 Jan 1943; *Edn* BSc (Agri & AH) (Hons) U.P Agrl Univ 1964; *Ex-mem* NCCR & Scouting; *Pub* Terms paper on 'Anatomy of Dairy Cattle' and 'Milk Quality Control Tests'; *Specln* Agronomy, Agrl Extension and Dairy Husbandry; *Hobb* Thinking, running and reading new publications; *Av'ble* for employment abroad (immediately); *Add* Care Shri Man Singh Ji, Vill & P O Budgara, Distt Bijnor (U.P).

SINGH, VIR BAHADUR; Asst Prof Animal Husbandry & Dairying B.R Coll, Agra since Jul 1962; *b* 21 Mar 1942, Distt Mainpuri (U.P); *Edn* BSc (Agri) and MSc (Agri) (Animal Husbandry & Dairying) Agra Univ 1960 and 1962; *Mem* Indian Dairy Science Assn, Bangalore, Agra Univ Teachers' Assn, Agra and Staff Club B.R Coll, Agra; *Pub* Tech book on 'Chemistry of Milk and Milk Products' (in press), also two resch papers in Ind. J. Dairy Sci. (1964); *Specln* Dairy Chemistry and Dairy Bacteriology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* Shri Vir Bahadur Singh, V & P.O Gangsi, Distt Mainpuri (U.P).

SINGH-ROY, (DR) KAMAL KRISHNA; Post-Doctoral Resch Fellow Indian Council of Med Resch Zoology Deptt Calcutta Univ since 1964; *b* 2 Oct 1928, Surjapur (W.B); *Edn* MBBS and DPhil (Medicine) Calcutta Univ 1955 and 1964; *Exp* Chief Monitor, Jr House Surgeon and Sr House Surgeon R.G Kar Med Coll Hospital 1953-55, 1956-57 and Jun-Nov 1957; *Fellow* Zoological Socy, Calcutta; *Pub* Ten papers (One presented at 2nd international conference on Protozoology, UK) and various popular articles published in journals of international repute; *Specln* Development and Comparative Anatomy; *Hobb* Photography; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 25/1A Anath Nath Dev Lane, Calcutta 37 (W.B).

SINHA, (DR) ASOKE KUMAR; Lecturer Plant Pathology Kalyani Univ since 1965; *b* 17 Feb 1931, Calcutta; *Edn* BSc (Hons) & MSc Calcutta Univ 1951 & 1953, PhD and DIC London Univ 1964; *Exp* Lecturer Botany City Coll, Calcutta 1954-55, Lecturer Botany Govt Coll, Darjeeling 1955-58, Lecturer Botany Presidency Coll, Calcutta 1958-61; *Pub* Nine resch papers published in journals of repute; *Visited* UK; *Specln* Mycology and Plant Pathology; *Hobb* Reading, stamp collecting and travelling; *Av'ble* for employment abroad (notice—three months); *Add* P 12/3 Central Avenue East, P.O Kalyani, Distt Nadia (W.B).

SINHA, BINOD KUMAR; Asst Prof Soil Conservation Coll of Agri, Hissar since 1964; *b* 31 Dec 1940, Patna; *Edn* BSc (Agri) and MSc (Agri) (Land Development) Ranchi Univ 1964; *Exp* Soil Conservation Extension Supervisor Agri Deptt (Bihar) 1959-64; *Specln* Land Development (Soil Conservation & Agrl Engg); *Hobb* Sports and photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Shri Ganesh Lal, Tilkamanjhi, Distt Bhagalpur (Bihar).

SINHA, (DR) BIPIN BEHARI; Head Zoology Deptt Christ Church Coll, Kanpur since 1959; *b* Jul 1906, Gonda (Avadh); *Edn* BSc, MSc and DSc Lucknow Univ 1929, 1931 and 1935; *Exp* Resch Officer Helminthological Resch Scheme of ICAR 1936-45, Lecturer Zoology Lucknow Univ 1945-52, Edn Officer Federation of Malaya 1953-59; *Mem* Indian Science Congress Assn and Helminthological Socy of India; *Pub* Seven resch papers in Indian & foreign journals, also resch reports on Helminthology; *Visited* Federation of Malaya and Singapore, Japan and Thailand; *Knows* French; *Specln* Helminthology and Parasitology; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Add* 6 Lachman Buildings, Babuganj, Lucknow (U.P).

SINHA, (DR) MAHENDRA NARAYAN; Asst Agronomist Agronomy Div Indian Agrl Resch Inst, New Delhi since 1963; *b* 4 Jan 1933, Karaharia (Bihar); *Edn* BSc (Agri) Bihar Univ 1954, MS Univ of California (USA) 1959, PhD Univ of Edinburgh (UK) 1962; *Exp* Agrl Inspector, Agrl Extension Supervisor and Lecturer (Bihar Govt) 1953-57, Lab Asst and Raw Fruit Quality Control Analyst and Sr Resch Fellow (CSIR), New Delhi 1959 and 1963; *Mem* Edinburgh Univ Grad Socy; *Pub* A paper on 'Rice Germination Problem' in 'Crop Science', 1961 (USA); *Visited* USA, UK, Canada, Thailand, Hong Kong, Japan and UAR; *Knows* French; *Specln* Agronomy; *Hobb* Photography; *Av'ble* for employment abroad (notice—four months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Karaharia, Via Sultanganj, Distt Bhagalpur (Bihar).

SINHA, RAHUL; Resch/Tech Asst(D.H Div) National Dairy Resch Inst, Karnal; *b* 15 Apr 1938, Midnapur (W.B); *Edn* BSc and BVSc & AH Calcutta Univ 1958 and 1962, MVSc Agra Univ 1965; *Exp* Carried out resch work under the guidance of Dr S. N Luktuke; *Mem* Indian Science Congress Assn; *Pub* A thesis (Abstracts of the work sent for publication); *Specln* Animal Breeding; *Hobb* Acting, dramatics and travelling; *Av'ble* for employment abroad (notice—one month); *Add* 18/5 Fern Road, Ballygunge, Calcutta 19 (W.B).

SINHA, MANIRANJAN; Resch Asst Central Inland Fisheries Resch Inst, Barrackpore; *b* 2 Apr 1942, Ballia; *Edn* BSc and MSc (Zoology) Gorakhpur Univ 1959 and 1961; *Specln* Fisheries; *Hobb* Photography; *Av'ble* for employment abroad; *Add* 18 Tularam Ka Bagh, Allahabad (U.P).

SITARAMAIAH, KESIRAJU; Seed Development Asst (Paddy), Tanuku since 1962; *b* 30 Dec 1938, Devarapalle; *Edn* BSc (Agri) Andhra Univ 1958; *Exp* Special Agrl Demonstrator, Kovvur Jul-Oct 1958, Agrl Demonstrator, Kovvur Nov-Dec 1958, Additional Agrl Demonstrator, Charla 1958-60, Agrl Asst, Tanuku 1960-62, Underwent trg in 'Quality Seed Development and Distribution' arranged by Min of Food & Agri, Hyderabad; *Hobb* Gardening; *Listed* National Register (CSIR); *Add* Care Shri Kesiraju Veerraju, P.O Devarapalle, Via Nidadavole, Distt W.Godavary (A.P).

SOLANKI, MUKHTIAR SINGH; Divisional Forest Officer (North Div), Seoni (M.P) since Feb 1964; *b* 12 Aug 1927, Nasirpur (Delhi); *Edn* MSc (Agri) Agra Univ 1950, Assoc Indian Forest Coll, Dehra Dun 1953; *Exp* Asst Conservator of Forests and Dy Conservator of Forests & Divisional Forest Officer 1953-58 & Feb-Dec 1958, Dy Conservator of Forests & Lecturer Indian Forest Coll, Dehra Dun 1959-64; *Mem* Socy of Indian Forestors, Dehra Dun; *Pub* Papers in journals of repute; *Specln* Forestry; *Hobb* Hiking; *Av'ble* for employment abroad (subject to the approval of the Govt); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Nasirpur, P.O Palam (Delhi Territory).

SOLOMON, (DR) SAMUEL; Principal Coll of Agri, Poona (Maharashtra) since Nov 1964; *b* 4 Jan 1909, Bombay; *Edn* B (Agri) & MSc Bombay Univ 1930 & 1936, MS California Univ 1947, PhD Bombay Univ 1948; *Exp* Plant Physiologist SCPR, Dharwar 1952-55, Dy Director Agri, Poona 1955-58, Supdtg Agrl Officer B.D, Nasik 1958-61, Economic Botanist & Principal Coll of Agri 1961-62, Principal Coll of Agri, Parbhani 1963-64; *Mem* Indian Science Congress Assn; *Foundation Mem* Socy of Genetics & Plant Breeding; *Pub* Crops of the Bombay State—Their Cultivation & Statistics (1953), 30 articles in resch journals; *Visited* USA, England and Israel; *Specln* Agrl Edn Plant Breeding, Plant Physiology and Agronomy; *Av'ble* for employment abroad (notice – six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Feppeira Mansion, Sitladevi Temple Road, Mahim, Bombay (Maharashtra).

SONI, SATISH KUMAR; Interviewer National Council of Applied Economic Resch, Indraprastha Estate, New Delhi since 1965; *b* 8 Apr 1940, Jammu Tawi (J&K); *Edn* BSc (Agri) Panjab Univ 1963; *Exp* Agrl Inspector Market Intelligence Jan-Mar 1964, Inspector Maize Deptt 1964-65; *Specln*

Ho ticulture; *Hobb* Gardening and kite-flying; *Av'ble* for employment abroad (notice—two months); *Add* R 659, New Rajinder Nagar, New Delhi 5.

SOOD, SURENDRA KUMAR; Asst Lecturer Girls Poly Coll, Hyderabad since 1964; *b* 2 Dec 1940, Farhatabad (Mysore State); *Edn* BSc (Agri) and MSc (Agri) (Horticulture) Karnatak Univ 1962 and 1964; *Mem* Indian Horticultural Socy (IARI), New Delhi and South India Horticultural Socy, Coimbatore; *Pub* Dissertation on 'The Effect of Farmyard Manure, Ammonium-Sulphate, Superphosphate, Sterameal on the Quality and Yield of Bhokri Grapes' (Vitis Vinifera), and two more articles under publication; *Specln* Horticulture; *Av'ble* for employment abroad (notice—three months); *Hobb* Gardening; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 1-9-320 Vidyanagar, Hyderabad 7 (A.P).

SREENIVASAN, (DR) ARUNACHALA; Head Biochemistry & Food Techy Div Atomic Energy Establishment, Trombay, Bombay since 1964; *b* 13 Jul 1909, Pamini (Tanjore); *Edn* BA (Hons), MA (Chemistry) and DSc Madras Univ 1930, 1934 and 1936; *Exp* Resch Biochemist (Indian Council of Agrl Resch) Indian Inst of Science, Bangalore 1931-38, Agrl Chemist (Indian Central Cotton Committee) Inst of Plant Industry, Indore 1938-43, Lecturer, Reader & Prof Food Techy Bombay Univ 1943-59, Deputy Director Central Food Technological Resch Inst, Mysore 1959-64; *Fellow* National Inst of Sciences of India and Indian Academy of Sciences; *Exec Mem* Socy of Biological Chemists and Assn of Food Technologists; *Pub* Several resch papers on 'Biochemistry, Nutrition, Food Science and Technology' in various Indian & foreign leading journals; *Visited* USA, UK, France, Germany, Switzerland, Denmark, Italy, Belgium, Holland, Thailand, Philippines, Formosa, Japan, Caribbean, West Indies, Puerto Rico and Gautemala; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Head of the Biochemistry & Food Technology Division, Atomic Energy Establishment, Trombay, Byculla, Bombay 8 (Maharashtra).

SREERAMULU, (DR) TANGIRALA; Reader Botany Andhra Univ since 1959; *b* 1 Nov 1925, Avanigadda (A.P); *Edn* BSc Andhra Univ 1945, MSc Agra Univ 1947, PhD & DIC London Univ 1956; *Exp* Demonstrator and Lecturer Botany Andhra Univ 1947-48 and 1948-59; *Mem* 14 International, British, American and Indian Socys; *Pub* 30 papers in British, American and Indian journals of repute; *Visited* UK, Continental Countries, South Africa and Canary Islands; *Specln* Botany (Plant Pathology), Aerobiology and Marine Algae; *Hobb* Photography; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology

in India' (Premier Publishers India); *Add* Department of Botany, Andhra University, Waltair (A.P).

SRIVASTAVA, (DR) DAYA NAND; Plant Bacteriologist Mycology Div Indian Agrl Resch Inst, New Delhi since 1962; *b* 10 Jan 1927, Gorakhpur; *Edn* BSc (Agri) Agra Univ 1945, Assoc IARI 1951, MSc and PhD Univ of Wisconsin (USA) 1957 and 1958; *Exp* Resch Asst & Asst Virologist Indian Agrl Resch Inst, New Delhi 1945-55 & May-Jul 1955, Asst Prof Plant Pathology Indian Agrl Resch Inst, New Delhi 1958-62; *Mem* Indian Phytopathological Socy, American Phytopathological Socy and Pusa Agrl Resch Socy; *Pub* 20 resch papers published in journals of repute; *Visited* USA, UK, Europe, Japan, Philippines and Thailand; *Knows* German, French and Persian; *Specln* Bacterial and Fungus Diseases of Crop Plants & Fruit Trees; *Hobb* Bridge, table-tennis, kite flying, fishing, poetics, hockey and football; *Add* Care Babu Shivadinlal, M.A. L.L.B, Vakil, Sheikhpur, Gorakhpur (U.P).

SRIVASTAVA, GAJENDRA PRATAP; Herbarium I/c Birbal Sahni Inst of Palaeobotany, Lucknow (U.P); *b* 15 Sep 1944, Gorakhpur; *Edn* BSc and MSc Gorakhpur Univ; *Exp* Contact with Important Herbaria of World for having Plants from all parts of the world; *Specln* Plant Pathology; *Hobb* Collection of plants, music and reading; *Av'ble* for employment abroad (notice—one month); *Add* 172 Alinagar (North), Distt Gorakhpur (U.P).

SRIVASTAVA, (DR) PRAKASH NARAIN; Scientific Officer Div of Entomology Indian Lac Resch Inst, Namkum (Bihar) since 1963; *b* 29 Dec 1932, Bahraich (U.P); *Edn* BSc, MSc (Zoology) and PhD (Zoology) Lucknow Univ 1952, 1955 and 1958; *Exp* Govt of India Resch Trg Scholarship 1956-59, Asst Prof Zoology Lucknow Univ 1959-61, Post-Doctorate Fellow of the National Resch Council (Canada) 1961-63; *Ex-secy & Pres* Lucknow Univ Zoological Socy; *Life Mem* The Entomological Socy of India; *Pub* 13 papers published in leading scientific journals; *Visited* Canada, USA, UK, Holland, Germany, France, Switzerland, Italy, Greece, UAR and Lebanon; *Knows* French; *Specln* Entomology and Physiology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Bahraich (U.P).

SRIVASTAVA, (DR) PRATAP NARAIN; Reader Zoology Rajasthan Univ since 1961; *b* 1 Jul 1927, Basti (U.P); *Edn* MSc and DPhil Allahabad Univ 1949 and 1951; *Exp* Asst Prof Zoology Allahabad Univ 1951-61; *Mem* American Socy of Zoologists (USA), Canadian Socy of Zoologists, Socy of Radiation Resch (Japan) and Indian Science Congress; *Fellow* Royal Microscopical Socy, London and The Linnean Socy, London; *Pub* About two dozen papers published in scientific journals of repute; *Visited*

Canada, USA, UK and Japan; *Knows* French; *Specln* Ichthyology & Radiation Biology and Endocrinology; *Hobb* Photography; *Av'ble* for employment abroad for short periods only in the field of Radiation Biology; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Alinagar, Distt Basti (U.P).

SRIVASTAVA, (DR) SATENDRA KUMAR; Scientific Pool Officer (CSIR) Botany Deptt Allahabad Univ since 1963; *b* 4 Aug 1937, Lucknow (U.P); *Edn* MSc (Botany) & PhD (Botany) Lucknow Univ 1957 & 1963, Grad Course in Biology Brandeis Univ (USA) 1962-63; *Exp* Sr Resch Scholar & Jr Resch Asst Birbal Sahni Inst of Palaeobotany, Lucknow 1957-58 & 1959-62, Teaching Asst Brandeis Univ (USA) 1962-63; *Pub* PhD thesis on 'Physiology of Indian Amla Plant', three resch papers published and many more to be published shortly; *Visited* USA; *Knows* German; *Specln* Palaeobotany, Plant Physiology, Cytology and Genetics; *Hobb* Music and painting; *Av'ble* for employment abroad (notice—six months); *Add* 4 Katra Maqbool Ganj Lane, Latouche Road, Lucknow (U.P).

SRIVASTAVA, VISHNU PRASAD; Jr Resch Fellow Botany Deptt K.N Govt Coll, Gyanpur (Varanasi); *b* 1 Mar 1941, Faizabad; *Edn* BSc B.H Univ 1961, BEd Gorakhpur Univ 1962, MSc Agra Univ 1964; *Pub* Few papers of Pectic Enzymes (ready for publication); *Specln* Plant Pathology; *Hobb* Touring for plant collection; *Av'ble* for employment abroad; *Add* 141 Rishi Tola, Faizabad (U.P).

SUBRAHMANYAM, (DR) MUPPIRALA; Asst Resch Officer Central Inland Fisheries, Bangalore since Nov 1963; *b* 30 Aug 1931, Vidavalur, Taluq Kovur, Distt Nellore (A.P); *Edn* BSc (Hons), MSc and PhD Andhra Univ 1956, 1958 and 1964; *Exp* Demonstrator, Sr Resch Asst and Lecturer Zoology Deptt Andhra Univ 1956-58, 1958-63 and Aug-Oct 1963; *Mem* Marine Biological Assn of India; *Pub* Four scientific papers (under publication); *Specln* Prawn Fisheries; *Av'ble* for employment abroad (notice—six months); *Add* P.O Vidavalur, Taluq Kovur, Distt Nellore (A.P).

SUBRAHMANYAN, (DR) R; Botanist Central Rice Resch Inst, Cuttack (Orissa) since 1962; *b* 31 Jan 1919, Pazhayanur (Kerala); *Edn* BSc & MSc Madras Univ 1939 & 1943, PhD Liverpool (UK) 1948; *Exp* Resch Officer Central Marine Fisheries Resch Inst 1948-62; *Fellow* Indian Academy of Sciences and Indian Botanical Socy; *Mem* Phycological Socy of India and Marine Biological Assn of UK & India; *Pub* 42 resch papers in journals of repute; *Visited* UK, France, Denmark and Sweden; *Knows* German and French; *Specln* Algology and Marine Biology; *Hobb* Stamp collection; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 52 Choolai High Road, P.B No 481, Madras 7.

SUBRAMANIAN, PREMSEHAR; Asst Lecturer Botany Agrl Coll, Coimbatore since 1964; *b* Madras City; *Edn* BSc (Agri) and MSc (Agri) 1949 and 1963; *Exp* Resch Asst in Millets and Pulses 1955-64; *Mem* Academy of Agrl Sciences Agri Coll, Coimbatore, Univ Teachers Assn, Madras and Madras Agrl Students Union, Coimbatore; *Pub* Twelve resch papers published in leading scientific journals; *Specln* Plant Breeding and Genetics; *Hobb* Radio and indoor games, cricket and tennis; *Av'ble* for employment abroad (notice—three months); *Add* Care Dr. S. Valeeswaran, Eye Surgeon, Salem (Madras State).

SUBRAMANIAN, (DR) S. SUNDARAM; Mycologist Central Coffee Resch Inst, Distt Chikmagalur (Mysore State) since Jul 1965; *b* 24 Jul 1934, Thiruvanaikoil, Distt Tiruchirapalli; *Edn* BSc (Agri) and PhD Madras Univ 1955 and 1961; *Exp* Resch Asst Agrl Coll and resch Inst, Coimbatore 1955-57, Resch Asst Univ Botany Lab, Madras 1960-64, Sr Resch Fellow Centre for Advanced Studies in Mycology & Plant Pathology (Madras) 1964-65; *Pub* Ten scientific & four tech papers published in reputed journals, also four other writings; *Knows* Russian and German; *Specln* Mycology, Plant Pathology and Microbiology; *Hobb* Gardening, story writing, photography, reading books & journals and listening to radio; *Add* No. 36 Big Street, P.O Triplicane, Madras 5.

SUBRAMANIAN, (DR) SUNDARAM; Farm Superintendent Centre for Advanced Studies in Mycology & Plant Pathology Univ Botany Lab, Madras since Feb 1965; *b* 24 Jul 1934, Distt Tiruchirapalli (Madras State); *Edn* BSc and PhD Madras Univ 1955 and 1961; *Exp* Resch Asst Agrl Resch Inst, Coimbatore 1955-57, Post-Grad Resch in Mycology & Plant Pathology & Resch Asst Univ Botany Lab, Madras 1957-60 & 1960-64, Sr Resch Fellow Centre for Advanced Studies in Mycology & Plant Pathology 1964-65; *Pub* Various resch papers in foreign and Indian journals of repute and many popular articles in Tamil; *Knows* German and Russian; *Specln* Mycology & Plant Pathology, Physiology of Diseases and Microbiology; *Hobb* Music, gardening, photography, playing carroms & table-tennis, reading English and Tamil novels & stories and listening to radio; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Dr Sundaram Subramanian, Centre for Advanced Studies in Mycology & Plant Pathology, University Botany Laboratory, Madras 5.

SUBRAMANYA, B. R; Lecturer Botany & Zoology Ramakrishna Vidyasala, Yadavgiri, Mysore; *b* 5 Sep 1942; *Edn* BSc and MSc (Zoology) Mysore Univ 1962 and 1964; *Pub* Weekly Bulletin from Biology Deptt; *Specln* Cytology and Cytogenetics; *Hobb* Aquarium, slide preparation and collection of fixed specimens, interested in sports and dramatics; *Av'ble* for employment abroad (notice—six months); *Add* Sri Ramakrishna Vidyasala, Yadavgiri, Mysore 2.

SULOCHANAN, PALPU; Asst Resch Officer (C & G) Central Inst of Fisheries Techy Sub-Stn, Veraval since Jan 1963; *b* 9 Sep 1932, Distt Alleppy; *Edn* BSc Kerala Univ 1953, MSc Rajasthan Univ 1957; *Exp* Fisheries Extension Asst Fisheries Extension Unit, Mandapam Camp 1957-61, Resch Asst (C & G) Central Inst of Fisheries Techy, Cochin 1961-63; *Mem* Socy of Fisheries Technologists (India); *Pub* Paper on 'Induced Breeding of Catla in the Mettur Reservoir'; *Specln* Fishing Craft & Gear Techy and Induced Spawning; *Hobb* Cooking; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Thottathil, P.O Nangiarku Langara, Dist Alleppy (Kerala).

SUNDARESAN, (DR) DEVADASON; Dean Post-Grad Studies Punjab Agrl Univ, Ludhiana since Aug 1964; *b* 10 Mar 1925, Nagercoil (Madras); *Edn* BSc (Agri) Allahabad Univ 1946, MA Agra Univ 1950, MS Kansas (USA) 1953, PhD Iowa State Univ (USA) 1959; *Exp* Dairy Manager Coll Dairy, Nagpur 1946-48, Lecturer & Asst Prof Allahabad Agrl Inst 1948-53, Head Animal Husbandry Deptt 1953-57, Asso Prof Allahabad Agrl Inst 1959-60, Resch Officer National Dairy Resch Inst, Karnal 1961-64; *Mem* Indian Dairy Science Assn and Animal Breeding Committee of Indian Council of Agrl Resch; *Pub* Ten tech papers on Cattle Breeding, Poultry & Agrl Edn; *Visited* USA; *Knows* German and French; *Specln* Animal Breeding and Statistics; *Av'ble* for employment abroad (notice—three to six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* V. Devadason, Ringletauble Street, Nagercoil (Madras State).

SURYANARAYANA, MANDA CHINA; Asst Bee Botanist Central Bee Resch Inst, Poona; *b* 23 Aug 1940, Rajahmundry (A.P); *Edn* BSc Andhra Univ 1958, MSc Poona Univ 1961; *Mem* All India Bee-Keepers' Assn, Poona and Maharashtra Assn for the Cultivation of Science, Poona; *Knows* German; *Specln* Plant Taxonomy, Bee Botany and Melittopalynology; *Hobb* Photography and drawing; *Av'ble* for employment abroad (notice—six months); *Add* 1229 Fergusson College Road, Deccan Gymkhana, Poona 4 (Maharashtra).

SWAMI, (DR) KARUMURI S; Reader Zoology S.V Univ since 1960; *b* 8 Oct 1928, Rajahmundry; *Edn* BSc & MA Madras Univ 1949 & 1952, PhD Univ of Pennsylvania (USA) 1960; *Exp* Lecturer Zoology 1952-57, Instructor Zoology 1957-60; *Pub* Twenty five papers published in various scientific journals of repute; *Visited* USA; *Knows* Spanish and French; *Hobb* Resch work; *Listed* 'Men of Sciences & Techonology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Dr Swami Buildings, Behind Rama Talkies, Rajahmundry, Distt W.Godavari (A.P).

SWAMY RAO, AJJAMPUR ANANTHA; Chief Engr Agrl Implements & Power Development Centre The Ford Foundation, Allahabad since 1962; *b* 2 Jul 1931, Tumkur (Mysore State); *Edn* BTech (Hons) Indian Inst of Techy, Kharagpur 1956, MS (Agrl Engg) Univ of Illinois (USA); *Exp* Resch Asst Univ of Illinois (USA) 1957-58, Product Engr John Deere Harvester Works East Moline, Illinois (USA) 1958-60, Resch Engr John Deere Inter-Continental S.A, Moline, Illinois (USA) 1960-62; *Asso Mem* Instn of Engrs (India); *Mem* Indian Socy of Agrl Engrs, Instn of American Socy of Agrl Engrs and Indian Socy of Agrl Economics; *Fellow Mem* National Inst of Agrl Engrs (England); *Pub* Seven papers including 'Minimum Tillage—Its Effect on Soil Physical Properties & Crop Responses' presented to American Socy of Agrl Engrs, Chicago (USA); *Visited* USA, UK and Italy; *Specln* Resch, Design and Development of Agrl Implements & Power Machinery; *Hobb* Ballroom dancing and swimming; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 5-B, P.O Agricultural Institute, Allahabad (U.P).

T

TAMBAT, RAMESH VINAYAKRAO; Doing MSc (Agri) in Dairy Science from Poona Univ since 1964; *b* 28 Oct 1942, Nagpur; *Edn* BSc (Agri) Nagpur Univ 1964; *Hobb* Stamp collection; *Av'ble* for employment abroad (notice—four months); *Add* 196 Pandey Building, New Ramdas Peth, Nagpur (Maharashtra).

TAMIZUDDIN, MOHAMMED; Jr Resch Fellow (CSIR) Bihar Agrl Coll, Sabour since Mar 1965; *b* 25 Feb 1940, Asnaha; *Edn* BSc (Agri) Bihar Univ 1960, MSc (Agri) Bhagalpur Univ 1963; *Exp* Agrl Inspector 1960-61, Agrl Extension Supervisor 1961-62, Demonstrator 1963-65; *Mem* Indian Socy of Extension Edn; *Life Mem* Resch Foundation, Sabour; *Knows* Persian; *Specln* Agrl Extension; *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Add* Village Asnaha, P.O Sonhoula, Distt Bhagalpur (Bihar).

TAMPI, SADASIVAN P. R; Resch Officer & Officer I/c Central Marine Fisheries Inst, Madras; *b* 27 Dec 1923, Mavelikara (Kerala); *Edn* BSc Travancore Univ 1943, MSc Madras Univ 1946, Grad Courses Wisconsin Univ (USA); *Mem* Marine Biological Assn of India; *Pub* 36 resch papers published in journals of repute; *Visited* USA and UK; *Knows* French and German; *Specln* Marine Zoology and Fisheries; *Hobb* Photography and philately; *Add* Chandra Vilas, Mavalikara (Kerala).

TANDON, (DR) KEWAL KRISHAN; Lecturer Zoology Panjab Univ since 1961; *b* 14 Feb 1934, Nawanshahr; *Edn* BSc (Hons Schl), MSc (Hons Schl) and PhD Panjab Univ 1955, 1956 and 1961; *Exp* Sr Resch Scholar (Min of Edn) 1957-60, Lecturer B.H Univ 1960-61; *Mem* Marine Biological Assn of India; *Pub* 15 resch papers published in journals of repute and nine more under publication; *Specln* Fisheries (Fishery Biology); *Hobb* Travelling; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Nawanshahr (Mandi), Distt Jullundur (Punjab).

TANDON, (DR) RAM NARAIN; Prof & Head Botany Deptt Allahabad Univ since 1959; *b* 27 Nov 1903, Shikohabad (U.P); *Edn* MSc (Botany) Allahabad Univ 1927, DIC (Plant Pathology) Imperial Coll, London 1939, PhD (Plant Pathology) London Univ 1939; *Exp* Lecturer & Reader Botany Allahabad Univ 1927-59; *Fellow* National Inst of Sciences, New Delhi, Indian Academy of Sciences, Bangalore, National Academy of Sciences,

Allahabad and Indian Phytopathological Socy, New Delhi; *Mem* Vigyan Parishad; *Founder Mem* Indian Socy of Plant Physiologists and International Socy of Plant Morphologists; *Pub* 120 resch papers published in Indian and foreign journals of repute, also a tech report on 'Physiology of Fungi' based on the work financed by U.P Scientific Resch Committee; *Visited* England, France, Switzerland, Italy, Egypt, Ceylon, Nepal and Belgium; *Specln* Mycology and Plant Pathology especially Leaf Spot Diseases and Diseases of Fruits & Vegetables in Storage; *Hobb* Games (Pres Allahabad Univ Athletic Assn); *Add* 102 Bank Road, Allahabad (U.P).

TANDON, (DR) RAM SHANKER; Lecturer Zoology Lucknow Univ since 1955; *b* 19 Feb 1928, Agra; *Edn* BSc and MSc Agra Univ 1945 and 1947, Dip in German and PhD (Helminthology) Lucknow Univ 1951 and 1954; *Exp* Head Biology Deptt C.A Coll, Mathura 1947-48, Resch Asst and Asst Resch Officer(ICAR) Lucknow Univ 1948-52; *Fellow* Helminthological Socy of India (1949), Academy of Zoology (India) (1956) and National Academy of Sciences (1956); *Pub* 17 papers published in Indian and foreign journals of repute and various articles; *Specln* Fishes and Helminthology; *Hobb* Correspondence and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Department of Zoology, Lucknow University, Lucknow (U.P).

TANDON, (DR) SOHAN LAL; Reader Botany Delhi Univ since 1958; *b* 11 Aug 1922, Nowshera (Pak); *Edn* MSc B.H Univ 1945, Assoc IARI Indian Agrl Resch Inst, New Delhi 1947, PhD Washington State Univ (USA) 1952; *Exp* Lecturer Botany Delhi Univ 1947-58; *Mem* Indian Socy of Genetics & Plant Breeding; *Pub* Several papers published in leading journals; *Visited* USA; *Specln* Cytogenetics; *Hobb* Gardening; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Reader in Botany, Delhi University, Delhi 7.

TAVAKARI, SATYENDRANATH CHANABASAPPA; Lecturer Botany R.L.S Inst, Belgaum since 1963; *b* 30 Oct 1937, Bijapur (Mysore State); *Edn* BSc Karnatak Univ 1957, MSc Bombay Univ 1963; *Exp* Demonstrator Biology St Xavier's Coll, Bombay and Dhempe Coll, Panjam (Goa) 1958-62 and 1962-63; *Specln* Taxonomy of Angiosperms; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 157/37, Bahanur Galli, Belgaum (Mysore State).

TEOTIA, (DR) TEJ PAL SINGH; Prof Zoology & Entomology Govt Agri Coll, Kanpur since Nov 1963; *b* 28 Jun 1924, Vill Bhupgharhi, Distt

Meerut (U.P); *Edn* BSc (Agri) & MSc (Zoology) Agra Univ 1942 & 1944, Assoc IARI 1947, Doctor of Philosophy (Entomology) Kansas State Univ (USA) 1950; *Exp* Asst Plant Protection Officer (Entomology), Kanpur 1951-52, Asst Prof Zoology & Entomology Govt Agrl Coll, Kanpur 1952-57, Deputy Director of Industries (Sericulture), Dehra Dun 1957-61, Entomologist Sugarcane Resch Stn, Shahjahanpur 1961-62, Entomologist & Head Entomology Div Indian Lac Resch Inst, Ranchi (Bihar) 1962-63; *Mem* Science & Techy Socy, Kanpur; *Fellow* Entomological Socy of India, New Delhi and Academy of Zoology, Agra; *Pub* 30 papers published in scientific journals of repute, about a dozen under publication, also a report on 'The Visit to Thailand as a Member of the Indian Lac Delegation from July 15 to July 24, 1963'; *Visited* USA, UK, France, Belgium and Thailand; *Knows* French; *Specln* Entomology and Insect Toxicology; *Hobb* Photography; *Av'ble* on deputation abroad with the permission of Govt of U.P (notice—three months); *Add* Vill Bhupgarhi, P.O Jani, Distt Meerut (U.P).

TEWARI, (DR) HRISHI BHU; Lecturer Zoology Lucknow Univ since 1963; *b* 14 May 1930, Kanpur (U.P); *Edn* BSc, MSc & DPhil Allahabad Univ 1947, 1949 & 1951, PhD Emory Univ, Atlanta (USA) 1961; *Exp* US P.H Scholar and Co-Principal Investigator Anatomy Deptt Emory Univ (USA) 1959-63; *Fellow* Zoological Socy, London, Royal Microscopical Socy of England, andNa-National Academy of Sciences (India); *Pub* 40 original resch papers published in leading journals; *Visited* USA, Canada, France, UK, Germany and Other European Countries; *Knows* French; *Specln* Cytology and Histo-Chemistry; *Hobb* Sight-seeing; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* B-976 Sector A, Mahanagar, Lucknow (U.P).

THAKUR, RAM NATH; Resch Asst Regional ReschCentre (ICAR), Kanpur since 1961; *b* 7 Jan 1938, Nainijore (Bihar); *Edn* BSc (Agri) and MSc (Agri) Agra Univ 1958 and 1960, doing PhD (carrying out "Studies on 'Variation in Pathogenicity of Fusarium Oxysporum f. lini in India'); *Mem* Journal of Science and Technology 'Lavdev'; *Pub* Eight papers (in collaboration) published in journals of repute; *Specln* Mycology and Plant Pathology; *Hobb* Resch; *Av'ble* for employment abroad (notice—one month); *Add* Care Shri Ram Prasad Thakur, Vill & P.O Nainijore, Shahabad, Arrah (Bihar).

THAKUR, RAMA NAND; Jr Resch Fellow (CSIR) Agrl Coll, Sabour since 1964; *b* 27 Feb 1937, Bettiah (Bihar); *Edn* BSc (Agri) Bihar Univ

1958, MSc (Agri) (Agronomy) Bhagalpur Univ 1962; *Exp* Agrl Inspector May-Sep 1958, Demonstrator (Horticulture) Ranchi Agrl Coll 1958-59, Agrl Extension Supervisor C.D Block 1959-60, Post-Grad Studies Bihar Agrl Coll, Sabour 1960-62, Demonstrator Agronomy Ranchi Agrl Coll 1962-63, Additional Sub-Divisional Agrl Officer (Farms), Banka 1963-64, *Mem* Indian Socy of Agronomy, New Delhi and Resch Foundation Bihar Agrl Coll, Sabour; *Pub* Having carried out various resch projects, the data are under preparation for publication; *Specln* Agronomy (Agri); *Hobb* Indoor games and fishing; *Av'ble* for employment abroad (notice—one month); *Add* Mohalla-Ganj No. 2, P.O Bettiah, Distt Champaran (Bihar).

THANGAM, (MISS) MENAKATH SANKARAN NAYAR; Asst Lecturer Botany Agrl Coll, Coimbatore since 1964; *b* 19 Sep 1928, Ottapalam; *Edn* BSc (Agri) and MSc (Agri) Madras Univ 1951 and 1960; *Exp* Asst in Millets Agrl Coll, Coimbatore 1951-58 and 1960-64; *Mem* Madras Agrl Students' Union; *Pub* Ten resch papers in scientific journals; *Specln* Plant Breeding & Genetics; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Lakshmi Nilayam, Thottakkara, Ottapalam, Distt Palghat (Kerala).

THANGAVELU, TIRUCHIRAPALLI KRISHNASWAMY; Sales Promotion Officer (Fertilisers) M/s Kothari & Sons, Madras; *b* 23 Dec 1908, Tiruchirapalli; *Edn* BSc (Agri) Madras Univ 1931; *Exp* Jt Director (Agri) (Inspection & Genl), Madras 1961-63; *Fellow* Royal Horticultural Socy, London; *Pub* A book on 'Some Experiences of Pest Control' (1953), a paper on 'Fertilizer & Crop Production' and a report on 'Co-operative Farming in Madras'; *Specln* Fertilizers and Pesticides; *Hobb* Photography and stamp collection; *Av'ble* for employment abroad (notice—one month); *Add* 31 Gengu Reddy Road, Egmore (Madras State).

THAPAR, SITA RAM; Retd Deputy Director of Edn Directorate of Edn, Delhi, Jt Editor 'The Missionary'—A Quarterly on Sikh Culture & History, Also Managing Editor 'Industrial & Trade Digest'—A monthly on Industry, Trade and Commerce; *b* 27 Feb 1905, Pindi Gheb, Distt Cambelpur (W.Pak); *Edn* BSc (Agri) (Gold Medallist), Dip SAV, BT & MA (Economics) Panjab Univ 1931, 1934, 1936 & 1950, UTC Punjab Agri Coll, Lyallpur (W.Pak), Awarded Medallion and Pendant; *Exp* Lecturer Teachers' Trg Inst Edn Deptt, Delhi 1934-44, Asst Inspector of Schls Edn Deptt, Delhi 1944-49, Secy Textbook Committee Directorate of Edn, Delhi 1950-54, Inspector of Schls, Directorate of Edn, Delhi 1950-58, Deputy Director of Edn, Directorate of Edn, Delhi 1958-60, Retd as Deputy Director of Edn on 27 Feb 1960, Principal Salwan Public Schl, New Delhi 1960-62, Managing Partner 'Navdeep Publications', New Delhi, 1962-63; *Ex-mem* Governing Body S.D

Coll Delhi Univ (1959-63); *Mem* All India Editors' Conference; *Secy & Treasurer* All India Periodicals & Small Newspapers Advisory Committee; *Specln* Journalism; *Hobb* Meditation and hony social work; *Listed* 'Men of Education in India' (Premier Publishers India); *Add* 17A/34 W.E.A, Karol Bagh, New Delhi 5.

THOMAS, PLAMOOTIL SAMUEL; Shift Manager (Production) Delhi Milk Scheme, New Delhi since 1964; *b* 17 Aug 1919; *Edn* IDD (Dip in Dairying & Animal Husbandry) National Dairy Resch Inst (Govt of India), Bangalore, Dip in Dairying Massey Agrl Coll, Palmerston North (New Zealand) 1957; *Exp* Manager Sir H.C Dinshah Model Dairy Farm, Bangalore 1941-45, Tech Officer and Asst Dairy Technologist National Dairy Resch Inst, Bangalore 1945-55 and 1955-64; *Mem* Assn of Dairy Technologists (New Zealand); *Foundation Mem* Indian Dairy Science Assn; *Pub* Six scientific papers published in Indian Journal of Dairy Science and American Journal of Food Science; *Visited* Newzealand, Australia, Malaya, Singapore and Ceylon; *Knows* French; *Specln* Dairy Techy; *Hobb* Gardening and car repairing; *Av'ble* for employment abroad (notice—one month); *Add* Care Plamootal House, Chetty Street, Kottayam (Kerala).

THOSRE, JAGANNATH GANPATRAO; Divisional Forest Officer Working Plans, Nagpur and Amraoti Circles, Nagpur since 1960; *b* 28 Oct 1918; *Edn* BSc & MSc Nagpur Univ 1940 & 1942, AIFC Indian Forest Coll, Dehra Dun & Coimbatore 1950; *Exp* Working Plans Officer, Yeotmal 1953-56, Divisional Forest Officer, Harda and Akola 1956-59; *Specln* Forest Management; *Add* P.O Berdi, Tehsil Sansar, Distt Chhindwara.

THOTTAPPILLY, GEORGE KUNJUVAREED; Doing Resch in Virology Gissen Univ (Germany); *b* 22 Apr 1941, Karoor (Kerala); *Edn* BSc (Agri) (first class) Kerala Univ 1962, Dip in Agri Goettinen Univ (Germany) 1964; *Exp* Area Representative Te Stans & Co Ltd, Coimbatore Jul-Dec 1962; *Visited* Germany, Italy and Switzerland; *Knows* German; *Hobb* Collection of plants & seeds, plant diseases and insects; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Shri G. K Thottappilly, Karoor, P.O Kuzhikkattussery, Via Kallettumkara, Distt Trichur (Kerala).

THULASIDAS, G; Lecturer Botany Agrl Coll, Coimbatore since 1963; *b* 28 Dec 1927, Nagercoil; *Edn* BSc, BSc (Agri) and MSc (Agri) 1947, 1951 and 1960; *Exp* Resch Asst 1951-56, Asst Lecturer Botany 1956-63; *Mem* Madras Agri Students' Union and Indian Socy of Genetics & Plant Breeding; *Vice-Pres* Madras Univ Teachers' Assn; *Pub* One book on

'South Indian Cardamoms and Their Agricultural Value' and 12 resch papers in journals of repute, a book on 'Introduction to Cyto-Genetics & Plant Breeding (under publication); *Specln* Teaching Agrl Botany and Genetics; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Thulasi Mandir, Nagercoil 1, Distt Kanya Kumari (Madras State).

TITAK, (DR) SHAM TRIMBAK; Lecturer & Resch Guide Botany Marathwada Univ since Oct 1962; *b* 12 Nov 1931, Poona; *Edn* BSc, MSc and PhD Poona Univ 1952, 1954 and 1960; *Exp* Physiological Asst to Horticulturist (Bihar) 1954-55, Resch Lecturer Agri Coll, Akola 1955-56; *Life Mem* Indian Phytopathological Socy, New Delhi; *Fellow* Indian Botanical Socy, Madras; *Pub* Tech books entitled 'Plant Life' and 'Plant Diseases' (in Marathi), 49 resch papers published in journals of international repute; *Visited* UK; *Knows* German; *Specln* Mycology and Plant Pathology; *Av'ble* for employment abroad (notice—six months); *Listed* 'Mycopathologiaet Myco Applicata'; *Add* Saraswati Colony, West Aurangabad (Maharashtra).

TIWARI, (DR) B. P; Director of Resch Jawaharlal Nehru Agrl Univ, Jabalpur since 1964 ; *b* 20 Oct 1925, Distt Bilaspur (M.P); *Edn* BSc (Agri) Nagpur Univ 1947, Assoc IARI Indian Agrl Resch Inst, New Delhi 1949, PhD Nagpur Univ 1962; *Exp* Agronomist & Extra Asst Director Agri 1951-55, Agronomist (M.P Govt) 1955-64; *Mem* Indian Socy of Agronomy, New Delhi; *Pub* Textbook of 'Agriculture for Central Regions of India' (approved for publication by Govt of India), 20 resch papers published in journals of repute, ten popular articles and three departmental reports ; *Visited* Italy, England, USA, Hawaii, Japan, The Philippines, and Hong Kong; *Specln* Genl Agronomy, Fertilizers, Irrigation, Crop Rotations and Crop Patterns; *Hobb* Reading tech literature and indoor games; *Add* 56 Denning Road, Jabalpur (M.P).

TIWARI, KESHVA PARSHAD; Resch Asst I/c Model Agronomic Expts Scheme Wheat Resch Stn, Powerkheda, Hoshangabad since Nov 1960; *b* 16 Mar 1937, Hoshangabad (M.P); *Edn* BSc (Agri) and MSc (Agronomy) Vikram Univ, Ujjain 1958 and 1960; *Mem* Indian Socy of Agronomy; *Pub* Contributed three tech articles in English and two in Hindi to various magazines, also submitted three scientific papers for publication; *Specln* Agrostology and Weed Control; *Hobb* Reading & writing scientific papers and reading literary books; *Av'ble* for employment abroad (notice—two months); *Add* Research Assistant, Wheat Research Station, Powarkheda, Distt Hoshangabad (M.P).

TRIPATHI, KALPNATH; Inspector Farming Co-operative Societies, Sirchi

(Rajasthan); *b* 12 Jul 1944; *Edn* BSc (Agri) Gorakhpur Univ 1964; *Specln* Agrl Sciences; *Hobb* Agronomy and Animal Husbandry; *Av'ble* for employment abroad (notice—two months); *Add* S/o Sri Mangala Prasad Tripathi, Village Jamburpur, P.O Rani Sarai, Distt Azamgarh (U.P).

TRIPATHI, KRIPA SHANKER; Asst Prof Agrl Extension B.R Coll, Agra since 1964; *b* 2 Oct 1941, Etawah (U.P); *Edn* BSc (Agri) and MSc (Agrl Extension) Agra Univ 1962 and 1964; *Mem* Indian Socy of Extension Edn, New Delhi; *Hobb* Reading, writing and travelling; *Add* Vill & P.O Sampher, Distt Etawah (U.P).

TRIPATHI, SHYAM SUNDAR; Prof & Head Agrl Chemistry Deptt B.N.V Degree Coll, Rath, Distt Hamirpur (U.P) since 1960 & Coy Commander NCCR Coy since 1963; *b* 29 Jul 1934, Pahari Bhitari, Distt Hamirpur (U.P); *Edn* MSc (Chemistry) Allahabad Univ 1958; *Exp* Lecturer Chemistry B.N V Degree Coll, Rath 1958-59, Asst Production Manager I.I Ltd, Niwar, Distt Katni (M.P) Jun-Aug 1959, Lecturer Chemistry B.N.V Degree Coll, Rath (U.P) 1959-60; *Pub* A Textbook of Analytical Chemistry' (for ISc & Agri students); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* 397 Bodholiana, Rath, Distt Hamirpur (U.P).

TRIPATHY, (DR) SASHI BHUSAN; Pool Officer State Poultry Farm, Angul (Orissa); *b* 13 Apr 1932, Bargarh (Orissa); *Edn* BSc (Vety) Bombay Univ 1956, MS (Vety Science) Cornell Univ (USA) 1961, PhD (Vety Science) Washington State Univ (USA) 1964; *Exp* Vety Asst Surgeon 1956-57, House Surgeon (Instructor Surgery Deptt) Orissa Vety Coll 1957-58, Vety Asst Surgeon 1958-60, Resch Asst Washington State Univ (USA) 1961-62; *Mem* Phi Zeta and Phi Kappa Phi (USA); *Visited* UAR, France, UK, Japan, Philippines, Hong Kong, Singapore and Thailand; *Knows* French and German (reading only); *Specln* Vety Microbiology (Vety Mycology); *Hobb* Sports, tennis, volleyball, swimming and reading; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri J. Tripathy, At Khajurtikira, P.O Bargarh, Distt Sambalpur (Orissa).

TYAGI, (DR) RAJPAL SINGH; Prof Surgery and Obstetrics Coll of Vety & Animal Science Punjab Agrl Univ, Hissar since 1964; *b* 10 Jan 1933, Narangpur; *Edn* BVSc & AH Agra Univ 1953, MS Michigan State Univ (USA) and PhD Univ of Minnesota (USA) 1962; *Exp* Demonstrator in Surgery 1953-58, Resch Asst 1958-62, Scientist's Pool Officer 1962-64; *Mem* Sigma Xi (USA) and Phi Zeta (USA); *Pub* Six papers published in journals of repute; *Visited* USA; *Knows* French

and Russian; *Specln* Surgery; *Hobb* Games and reading; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Narangpur, Distt Meerut (U.P).

TYAGI, (DR) VIRVIRANJAN SINGH; Deputy Divisional Manager State Trading Corpn, New Delhi since 1962; *b* 12 Mar 1930; *Edn* BSc (Agri) Agra Univ 1950, MS (Agronomy) & MS (Dairy Techy) Maryland Univ (USA) 1953 & 1954, PhD (Economics) American Univ, Washington (USA) 1958; *Exp* Lecturer M.M.H.V Coll, Ghaziabad 1950-51, Purchase Asst India Supply Mission, Washington (USA) 1951-58, Sales and General Manager Deccan Porcelain & Potteries Ltd, Tandur (A.P) 1959-60, Scientific Pool Officer (CSIR) Military Farms (Min of Defence) 1960-62; *Mem* Honour Socy of American Univ, National Pl Gamma Mu (USA); *Visited* USA; *Specln* Market Milk, Price Support and Money & Banking; *Hobb* Photography; *Av'ble* for employment abroad (immediately); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village Janupura, P.O Garhmukhtesar, Distt Meerut (U.P).

U

UBGADE, SHARAD RAMRAO; Lecturer Zoology Digvijai Mahavidyalya, Rajnandgaon; *b* 12 Jun 1936, Seoni; *Edn* MSc Jabalpur Univ 1959; *Hobb* Badminton, table-tennis and reading; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Digvijai Mahavidyalya, Rajnandgaon, Distt Durg (M.P).

UDAI NARAIN; Head Botany Deptt Rajendra Coll, Chapra since 1955 and Lt N.C.C since 1961; *b* 1 Nov 1931, Santhalparganas (Bihar); *Edn* BSc Bihar Univ 1952, MSc Patna Univ 1954, Doing PhD; *Mem* Indian Science Congress and The National Academy of Sciences (India); *Pres* Botanical Socy and Board of Studies in Botany (Bihar Univ); *Pub* 'Multh Potato' and several articles relating to Horticulture and Botany in Bhagwan Journal of Bihar Govt (Agri Deptt); *Specln* Mycology and Plant Pathology; *Hobb* Gardening; *Av'ble* for employment abroad (notice—one month); *Listed* National Register (CSIR), 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Rajendra College, Chapra (Bihar).

UNNITHAN, S. K; Head Botany Deptt D.B Coll, Sasthamcotta (Kerala) since Jul 1964; *b* 10 Nov 1936, Poruvazhi; *Edn* BSc Kerala Univ 1959, MSc Saugar Univ 1962; *Exp* Lecturer Botany S.D Coll, Alleppy (Kerala) 1962-63, Lecturer Botany N.S.S.H Coll (Kerala) 1963-64; *Specln* Autecology (Botany); *Hobb* Photography and philately; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Thazhathu House, P.O Ambalathumbhagam, Sastharucotta, Distt Quilon (Kerala).

UMMERKUTTY, (DR) A. N. P; Lecturer Oceanographic Lab, Ernakulam; *b* 1 Dec 1933, Tellicherry (Kerala); *Edn* BSc Madras Univ 1956. MSc and PhD Aligarh Univ 1958 and 1962; *Exp* Sr Resch Scholar 1958-61, Resch Asst Central Marine Fisheries Resch Inst, Manpalam Camp 1961-62, Sr Resch Fellow (CSIR) Indian Ocean Expedition 1962-63, Presently engaged in Studies on Biology & Ecology of Brackish Water & Marine Copepods in and around Ernakulam (also Ecology of Sand Dwelling Copepods); *Mem* Marine Biological Assn of India, Marine

Biological Assn of UK and Zoological Survey of India, Calcutta; *Pub* A book (in Malyalam) 'The Discovery of the Seas' (under publication), a few papers (in press), 10 original papers published in journals of repute and seven more; *Knows* Arabic and German; *Specln* Biological Oceanography, Planktonlogy and Copepodology; *Hobb* Chess and writing popular articles on science and cultural & humanistic activities; *Av'ble* for employment abroad (notice—three months); *Add* Parammel House, Thalayi, Tellicherry, Distt Cannanore (Kerala).

UPADHAYA, LALU PRASAD; Resch Scholar Botany Forest Resch Inst, Dehra Dun; *b* 1 Jan 1939, Upper Shillong; *Edn* BSc (Agri) Gauhati Univ 1961, MSc (Agrl Botany) Indian Agrl Resch Inst, New Delhi 1964; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi; *Pub* One paper in 'Indian Forester' (Jul 1965) and a few articles in magazines; *Knows* Napali; *Specln* Cytogenetics and Genetics & Plant Breeding; *Hobb* Resch and teaching; *Av'ble* for employment abroad (notice—three months); *Add* Govt Livestock Farm, Upper Shillong, P.O Mawkhlot, Distt Shillong (K & J Hills) (Assam).

UPADHYAY, (DR) JANESHWAR; *b* 18 Jan 1934, Ankraha (Bihar); *Edn* BSc (Agri) Bihar Univ 1954, MSc (Agri) B.H Univ 1956, PhD Univ of Illinois (USA) 1962; *Exp* Sr Resch Asst 1956-58, Grad Resch Asst 1958-62, Instructor Univ of Illinois (USA) 1962-63; *Mem* Phytopathological Socy of America and Sigma Xi Scientific Hony Socy; *Pub* Theses on 'Nutrition and Physiology of Opercullela Padwickii Kheshwala' and 'Phomopsis Blight of Birdsfoot Trefoil'; *Visited* USA and Britain; *Knows* German and French; *Specln* Taxonomy of Fungi and Selection for Disease Resistance; *Hobb* Social Activities, photography and indoor games; *Av'ble* for employment abroad (notice—two weeks); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Ankraha, P.O Kishunpur, Distt Palamau (Bihar).

UPADHYAYA, SHANKER RAM; Vegetable Development Officer (H.P), Solan; *b* 14 Apr 1924, Sultanpur (U.P); *Edn* BSc (Agri) and MSc (Agrl Botany) Allahabad Univ 1942 and 1946; *Exp* Resch in Rice Agronomy Central Rice Resch Inst, Cuttack 1947-53, Agri Officer & Director Extension, Bilaspur (Simla Hills) 1953-54, Principal Basic Agri Trg Schl (H.P) 1954-56, Agri Information Officer, Seed Testing Officer and Vegetable Botanist (H.P) 1959 to date; *Pub* MSc thesis and dissertation, paper on 'Influence of Spacing on Plant

Character & Yield of Transplanted Rice', numerous popular articles and editorials of 'Krishi Suchana' and various departmental reports submitted in the capacity of Incharge; *Visited* Nepal; *Specln* Extension Agronomy, Rice, Vegetables and Edn; *Hobb* Photography, hiking and reading; *Av'ble* for employment abroad (notice—three months); *Add* Jogiapur, Distt Jaunpur (U.P).

UPADHYAY, JAI PARKASH; Asst Soil Conservation Inspector State Soil Conservation Trg Centre, Lucknow since Apr 1965; *b* 7 May 1943, Vill Maharajpur; *Edn* BSc (Agri) Gorakhpur Univ 1964; *Exp* Asst Soil Conservation Inspector 1964-65; *Av'ble* for employment abroad (notice—one year); *Add* Vill & P.O Maharajpur, Distt Azamgarh (U.P).

UTTAM PRAKASH (DR); Sr Scientific Officer Birbal Sahni Inst of Palaeobotany, Lucknow since 1962; *b* 2 Dec 1925; *Edn* BSc, MSc and PhD Lucknow Univ 1945, 1951 and 1957; *Exp* UPSC R.C Resch Scholar Jul-Dec 1951, Govt of India Resch Scholar 1952-53, Assam Oil Co Scholar 1953-57, Lecturer 1957-62; *Mem* Indian Botanical Socy, Botanical Socy of America, Palaeobotanical Socy of India, International Assn of Plant Taxonomy, International Assn of Wood Anatomy and Sigma Xi (USA); *Pub* 35 resch papers; *Visited* USA, England, France, Germany, Italy and Switzerland; *Knows* German and French; *Specln* Tertiary Palaeobotany and Wood Anatomy; *Hobb* Cricket and tennis; *Listed* 'Men of Sciences & Technology in India (Premier Publishers India); *Add* 118-C Sector A, Mahanagar, Lucknow (U.P).

Donated By
Mr. S E. Oonnithan, M.D.
305-Sixth Main Road,
HAL II Stage, Bangalore-560 038.

V

VADLAMUDI, (DR) SRI KRISHNA; Director Antiviral Chemotherapy Div, Cancer Chemotherapy Deptt Microbiological Associates Inc, Washington (USA) since 1965; *b* 15 Aug 1927, Moparru (A.P); *Edn* BVSc Madras Univ 1951, MS and PhD Univ of Wisconsin (USA) 1959 and 1962; *Exp* Vety Asst Surgeon Andhra Animal Husbandry Deptt, Khiratabad (A.P) 1955-57, Project Asst Vety Science Deptt Univ of Wisconsin (USA) 1957-62, Sr Resch Microbiologist Deptt of Infectious Diseases Abott Labs, N.Chicago (USA) 1962-65; *Mem* American Assn for the Advancement of Sciences, American Inst of Biological Sciences, Wild Life Disease Assn, Industrial Vety Assn, Wisconsin Alumni Assn, American Vety Med Assn, Socy of American Microbiology and Sigma Xi (USA); *Secy* Madras Vety Students' Assn; *Pub* Six papers published in journals of repute and four more (under publication); *Specln* Microbiology (Virology); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Antiviral Chemotherapy Division, Cancer Chemotherapy Department, Microbiological Associates Inc, 4813 Bethesda Avenue, Washington DC, PB 5970, 20014 (USA).

VAISH, CHANDRA PRAKASH; Sr Botanical Asst Rice Resch Stn, Gorakhpur since Apr 1964; *b* 30 Sep 1941, Basti (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1958, MSc (Agri) Agra Univ 1962; *Exp* Agri Teacher 1958-59, Science Teacher 1959-60, Sr Botanical Asst (Oilseeds) 1962-64; *Pub* Three resch papers published in reputed journals and three more in press, also two other writings; *Specln* Agrl Botany (Genetics & Plant Breeding and Plant Physiology); *Hobb* Kitchen gardening; *Av'ble* for employment abroad (notice—two months); *Add* Care Sri Deep Narain Vaish, Near Arya Samaj Mandir, Gandhi Nagar, Basti.

VAISH, SHANKAR SARAN; Head Botany Deptt Shia Degree Coll, Lucknow since 1950; *b* 17 Sep 1927, Lucknow; *Edn* BSc and MSc Lucknow Univ 1947 and 1949; *Exp* Resch Scholar & Demonstrator Botany and Resch Asst Botany Lucknow Univ 1948-49 and 1949-50; *Mem* Indian Botanical Socy; *Hobb* Plant collection, gardening, games and sports; *Av'ble* for employment abroad (notice—six months); *Listed* National Register (CSIR) and 'Men of Sciences & Technology in India' (Premier Publishers

India); *Add* Head of Botany Department, Shia Degree College, Lucknow.

VANCHINATHAN, KALYANARAMA; Animal Husbandry Officer & Head Deptt of Animal Husbandry & Vety Science (Govt of Tripura), Agartala since Dec 1955; *b* 5 Jul 1919, Nagercoil, Distt Kanyakumari (Madras State); *Edn* GMVC Madras Govt Board 1943, BVSc Madras Univ 1945, MS Univ of Arkansas (USA) 1965; *Exp* Worked in the Madras Animal Husbandry Deptt 1944-55; *Mem* All India Vety Assn, Interim Indian Vety Council, Poultry Science Assn of USA and Worlds' Poultry Science Assn; *Pub* Paper on 'Energy Requirements for Milk Production' in the American Journal of Dairy Science; *Visited* USA and UK; *Specln* Animal Husbandry and Poultry Husbandry; *Hobb* Philately; *Av'ble* for employment abroad (immediately); *Add* 49 Sathyamurthi Road, P.O Ramnagar, Coimbatore 9 (Madras State).

VARMA, (DR) AWADHESH KUMAR; Director Livestock Resch Stn, Patna since 1962; *b* 5 Feb 1922, Distt Shahabad; *Edn* GBSc, Patna, P G Bact Path Hel Prot Ent, London, PhD Univ of London; *Exp* Vety Surgeon and Demonstrator 1941-50, Resch Scholar Univ of London 1951-52, Resch Officer & Post-Grad Prof 1953-61; *Mem* Indian Council of Agrl Resch and Indian Council of Medi Resch; *Pub* Original works quoted in international scientific books (Systema Helminthum by Yamaguti 1958, Vety Hel Ent by Lapage 1962), several original papers published in reputed journals (also guided numerous post-grad published works), various popular articles and many tech reports; *Visited* UK, Ireland, France, Switzerland, Italy, Germany, Holland, Belgium, Egypt and Austria; *Knows* French; *Specln* Vety & Med Parasitology; *Hobb* Studies, scientific writings and planning & guiding resch; *Av'ble* for employment abroad (on being relieved); *Add* 69 Pataliputra, Patna 13 (Bihar).

VARMA, (DR) R. P; Editor of Publications Botanical Survey of India, Calcutta since 1964; *b* 21 Oct 1925, Trivandrum; *Edn* BSc Kerala Univ 1946, BSc (Hons), MA & Cert in German and PhD Madras Univ 1948, 1951- and 1952; *Exp* Asst Resch Officer Central Marine Fisheries Resch Inst 1961 64; *Mem* Indian Botanical Socy and Marine Biological Assn of India; *Pub* Ten resch papers in leading scientific journals; *Visited* Japan; *Knows* German; *Specln* Marine Algology and Plant Pathology; *Hobb* Photography, painting and philately; *Av'ble* for employment abroad (notice—six months); *Add* Botanical Survery of India, 43 Lansdowne Road, Calcutta 20.

VARMA, (DR) SHYAMA CHARAN; Principal R.M.P.P.V Agrl Coll, Gurukul Narsan, Distt Saharanpur since 1963; *b* 26 May 1907, Shahjahanpur (U.P); *Edn* BSc (first class) & MSc (first class) Lucknow Univ 1928 & 1930, PhD London Univ (UK) 1935; *Exp* Demonstrator Botany Lucknow Univ 1935-38, Lecturer Agrl Botany Agri Coll, Mandalaya (Burma) 1938-40, Asst Botany Indian Agrl Resch Inst, New Delhi 1940-41,

Botanical Asst & Cane Physiologist Central Sugarcane Resch Stn, Shahjahanpur 1942-45 & 1945-58, Principal A.S Jat Coll, Lakhaoti 1958-60, Crop Physiologist (U.P Govt) 1960-63; *Pub* Thirteen resch papers in reputed journals; *Visited* UK and Burma; *Specln* Plant Ecology and Physiology; *Hobb* Plant collection and identification; *Av'ble* for employment abroad (after Jun 1967); *Listed* 'Men of Education in India' (Premier Publishers India); *Add* Care Dr Ram Nath Varma, Medical Practitioner, Muzaffarnagar (U.P).

VASUDEV, TOUTOM; Lecturer Zoology Osmania Univ since 1958; *b* 11 May 1922, Warangal (A.P); *Edn* BSc and MSc Osmania Univ 1948 and 1950; *Exp* Museum Asst & Instructor Pathology Coll of Vety Science Osmania Univ 1952-54 & 1954-57; *Mem* Science Club, Warangal; *Pub* Various articles in journals of international repute; *Av'ble* for employment abroad (notice—three months); *Listed* Osmania University Research Directory and 'Men of Education in India' (Premier Publishers India); *Add* Raja Bhavan, Residence of Late Dr Janardan Matwada, Warangal.

VAZIRANI, TAHIL G; Zoologist Zoological Survey of India, Calcutta since 1961; *b* 26 Oct 1926, Sind (W.Pak); *Edn* BSc (Hons) and MSc Bombay Univ 1947 and 1959; *Exp* Officer I/c Eastern Regional Stn Zoological Survey of India, Shillong Mar-Nov 1960, Officer I/c Southern Regional Stn Zoological Survey of India, Madras 1961-62; *Pub* Thirteen papers published in scientific journals of repute; *Knows* Persian and French; *Specln* Entomology, Taxonomy of Betles and Bugs); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Zoologist, Zoological Survey of India, Calcutta 12 (W.B).

VED SINGH; *b* 15 Jul 1942, Lohari (U.P); *Edn* BSc (Agri) Agra Univ; *Exp* Managing Own Cattle Farm 1964-65; *Specln* Botany, Dairying & A.H, Agronomy and Farm Management; *Av'ble* for employment abroad (notice—one month); *Add* Shri Ved Singh S/o Shri Hamraj Singh, Vill & P.O Lohari, Distt Meerut (U.P).

VEDANAYAKAM, A. R; Prof Dairy Science Madras Vety Coll, Madras since 1965; *b* 5 Sep 1915, Avasipalayam; *Edn* GMVSc, BVSc and MSc Madras Univ 1941, 1943 and 1963; *Exp* Vety Surgeon in the field 1941-44, Secy Cattle Breeding Socy, Coimbatore 1945-48, Vety Surgeon I/c Vety Hospital 1949-50, Asst Lecturer Animal Husbandry 1950-54, Lecturer Animal Husbandry 1954-64; *Mem* Indian Vety Assn; *Secy* Madras Vety Assn; *Pub* 'Dairy Science Practical Guide' and 'Dairy Science Principle & Practice', six papers published in reputed journals; *Specln* Dairy Husbandry and Dairy Bacteriology; *Add* 1 First Class Road, R.A Puram (Madras State).

VENKATESH, (DR) CHAKRAVARTI SUNDARACHAR; Sr Resch Officer Forest Resch Inst, Dehra Dun since 1962; *b* 31 Jul 1926, Bangalore; *Edn* BSc (Hons) & MSc Mysore Univ 1946 & 1947, PhD Delhi Univ 1955; *Exp* Lecturer Govt Jaswant Coll, Jodhpur 1947-50. Lecturer Delhi Univ 1950-61, Smith-Mundt Fulbright Scholar in USA 1955-56, Post-Doctoral Fellow Univ of California (USA) 1956-57, Sr Resch Fellow N.I.S of India 1958-60; *Mem* Indian Botanical Socy; *Full Mem* Sigma Xi; *Life Mem* The International Socy of Plant Morphologists; *Pub* Two books on 'Intermediate Practical Botany' & 'Our Trees & Our Forests', thesis on 'Structure and Special Modes of Dehiscence of the Anther in Angiosperms' and 25 resch papers published in various leading international journals; *Visited* USA, UK, France, Switzerland, Germany and Belgium; *Knows* French; *Specln* Genetics of Plants; *Hobb* Playing tennis and gardening; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 42 New Forest, P.O Dehra Dun (U.P).

VENKATESHO, MALUR VENKATRAO; Dy Locust Entomologist Locust Warning Organisation, Jodhpur since Oct 1961; *b* 25 Mar 1925, Distt Kolar; *Edn* BSc (Hons) & MSc (Zoology) Mysore Univ 1945 & 1946, Journalism Panjab Univ 1950, Advanced Trg in Crop Protection Techniquest (England) 1954; *Exp* Entomologist, Bombay, Madras & Calcutta 1956-61; *Mem* Entomological Socy of India; *Asso Mem* British Agrl Engrs (UK); *Fellow* Royal Entomological Socy, London; *Pub* Humorous articles (in Kannada Monthlies), tech papers in various journals of repute; *Visited* UK, France, Switzerland, Italy and Pakistan; *Specln* Plant Protection and Entomology; *Hobb* Entomology and journalism; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* S/o Late Shri M. S Venkatrao, Kasba Shanbhog, Malur, Distt Kolar (Mysore State).

VENUGOPALAN, (DR) VANNIYOOR KRISHNASWAMY; Sr Resch Officer Marine Biological Stn, Porto Novo, Distt S.Arcot since 1963; *b* 8 Feb 1931, Vanniyoor; *Edn* BSc (Hons), MA & MSc and PhD Annamalai Univ 1953 1956 and 1964; *Exp* Entomology Asst Madras Agri Deptt 1956-57, Asst Vigyan Mandir Officer (Min of Scientific Resch & Cultural Affairs), 1958-59, Govt of India Sr Resch Scholar in Zoology 1959-62, Lecturer Zoology The Rajah Serfoji Coll, Tanjore 1962-63; *Pub* Three resch papers in journals of repute; *Knows* German; *Specln* Cytochemistry and Biochemistry; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier

Publishers India); *Add* Care Shri V. Krishnaswamy Pillai, Melavanniyoor, Ma, Chidambaram, Distt S.Arcot (Madras State).

VERGHESE, CHARLES GEORGE; Resch Scholar Vety Coll, Mannuthi, Distt Trichur since 1961; *b* 5 Sep 1940, Trichur (Kerala); *Edn* BVSc Kerala Univ 1961; *Exp* Vety Surgeon 1961-64; *Specln* Vety Parasitology; *Hobb* Reading; *Av'ble* for employment abroad (notice—two months); *Add* XXVI/506 Zanana Mission Road, Trichur (Kerala).

VERMA, (DR) OM PRAKASH; Asso Prof Poultry Husbandry Punjab Agrl Univ, Ludhiana; *b* 5 Jan 1931, Mardan (W.Pak); *Edn* BVSc & AH and MVSc Agra Univ 1956 and 1960, PhD Wisconsin Univ (USA) 1965; *Exp* Vety Asst Surgeon 1956-58 and 1960-61; *Mem* World Poultry Science Assn and American Poultry Science Assn; *Pub* Two papers published in scientific journals of repute; *Knows* French; *Specln* Poultry Physiology; *Hobb* Travelling and reading; *Add* 32 A, Model Town, Bareilly (U.P).

VERMA, OM SINGH; Asst Prof Jat Vedic Coll, Baraut (Meerut); *b* 20 Sep 1943, Goharni (Muzaffarnagar); *Edn* BSc (Agri) and MSc (Agri) (first class) Agra Univ 1962 and 1964; *Mem* Indian Socy of Extension (IARI), New Delhi; *Pub* One thesis; *Specln* Teaching & Guiding Resch to MSc (Agri) Students; *Hobb* Playing; *Av'ble* for higher studies at Oklahoma State Univ; *Add* Village Goharni, P.O Shamli, Distt Muzaffarnagar (U.P).

VERMA, PARASHU RAM; *b* 2 Jan 1941, Vill Katari; *Edn* BSc (Agri) Agra Univ 1964; *Mem* Coll Science Assn; *Specln* Agri and Science; *Add* Vill Katari Parsola Mukkupurwa, P.O Chhibrmau, Distt Hardoi (U.P).

VERMA, SATISH CHANDER; Lecturer Genetics Panjab Univ since 1956; *b* 19 Dec 1931, Kahror Pakka (W.Pak); *Edn* BSc (Hons Schl) (first class) and MSc (Hons Schl) (first class) Panjab Univ 1952 and 1954, Doing PhD; *Exp* Resch Scholar (Botany) Panjab Univ 1954-56; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi, National Academy of Sciences, Allahabad and American Fern Socy, Washington (USA); *Pub* About 25 resch papers published in scientific journals of repute; *Specln* Pteridophytes, Cytology and Genetics; *Hobb* Gardening and popular lectures on natural science for laymen; *Av'ble* for employment abroad (notice—three months); *Add* Department of Botany, Panjab University, Chandigarh 3 (Punjab).

VINOD SHANKER; Resch Scholar Botany Deptt B.H Univ; *b* 1 Jan 1943; *Edn* BSc Gorakhpur Univ 1962, MSc (Botany) B.H Univ 1964; *Mem* International Socy for Tropical Ecology, Indian Science Congress Assn and B.H Univ Journal of Scientific Resch; *Pub* Two papers (in press); *Specln* Soil Science, Weed Ecology and Taxonomy; *Hobb* Reading journals & books, games and botanical excursions & tours; *Av'ble* for employment abroad (notice—one month); *Add* Gahgapur, Varanasi (U.P).

VIRENDRA KUMAR; Doing Post-Grad Course in Soil Techy from Indian Inst of Techy, Kharagpur (W.B); *b* 1 Nov 1942, Lahore (W.Pak); *Edn* BSc (Hons) (Agri & AH) and MSc (Agri) (Soil Conservation) U.P Agrl Univ, Pantnagar 1963 and 1965; *Specln* Soil Conservation; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* Care Shri Chet Ram Agrawal, U.P Sugar Mills, Shamli, Distt Muzaffarnagar (U.P).

VIRLEY, RAM MANOHAR; Lecturer Biology S.M Inter Coll, Neoli (U.P); *b* 15 Jun 1941, Raipur-Rasulpur (Punjab); *Edn* BSc (Biology) Allahabad Univ 1961, MSc (Botany) B.H Univ 1964; *Specln* Fungus Diseases of Crop Plants (Plant Pathology); *Hobb* Preparing models and singing; *Av'ble* for employment abroad (notice—two months); *Add* Raipur-Rasulpur, Distt Jullundur (Punjab).

VISHNOI, (DR) H. S; Lecturer Zoology Delhi Univ since 1949; *b* 10 May 1926, Dhampur (U.P); *Edn* BSc & MSc Lucknow Univ 1945 & 1947, PhD Delhi Univ 1959; *Exp* Jt Director Directorate of Translation Delhi Univ 1963-65, *Mem* Entomological Socy of India; *Pub* Fifteen resch articles in journals of repute, several books on Popular Science in Hindi, translated several Zoological books in Hindi; *Knows* French; *Specln* Entomology (Morphology and Biology of Termites); *Hobb* Radio talks & features on sciences; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Zoological Department, University of Delhi, Delhi.

VISWANADHAM, GUNTURU; Asst Lecturer Chemistry S.V Agrl Coll, Tirupati; *b* 1 Jul 1937, Semivarapapeta (A.P); *Edn* BSc (Agri) Andhra Univ 1959; *Exp* Demonstrator Sir C.R.R Coll, Eloru 1959-62; *Mem* Agrl Graduates Assn; *Hobb* Games, volleyball, cricket, etc; *Av'ble* for employment abroad; *Add* Sani Varadu Peta, Eloru, Distt West Godavri (A.P).

VYAS, (DR) SANAT KUMAR R; Prof & Head Microbiology Deptt Panjab Agrl Univ, Hissar since 1964; *Edn* BSc (Hons) Bombay Univ 1952, MSc Gujarat Univ 1955, PhD Univ of California (USA) 1961; *Exp* Chief Bacteriologist Bacto-Clinical Lab, Anand 1955-56, Resch Asst Stanford & California Univs 1956-57 & 1957-61, Post-Doctoral Fellow New York Univ 1961-62, Visiting Fellow Natt Heart Inst (USA) 1962-63, Director Resch & Development National Fluorine Corpn, Bombay 1963-64; *Mem* Socy for General Microbiology, London, Assn of Microbiologists of India and Sigma Xi (USA); *Pub* Seven papers published in journals of repute; *Visited* USA, UK, France, Japan and Switzerland; *Knows* French and German; *Specln* General Microbiology and Bacterial Genetics; *Av'ble* for employment abroad for short periods only (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* P.O Maroli Bazar, Distt Surat (Gujarat).

W

WADHI, SUKHDEV RAJ; Asst Entomologist Div of Entomology Indian Agrl Resch Inst, New Delhi since Mar 1953; *b* 11 Apr 1932, Lahore (W.Pak); *Edn* BSc Agra Univ 1950, MSc B.H Univ 1952, Assoc IARI Indian Agrl Resch Inst, New Delhi 1958; *Exp* Resch in Insect Control by Chemicals 1953 to date; *Life Fellow* Entomological Socy of India; *Mem* Bombay Natural History Socy, Bombay; *Founder Mem* Zootomical Socy of India, Banaras; *Pub* Twenty papers published in scientific journals of repute, review on 'Pests of Tropical & Sub-Tropical Fruits of India' and two tech reports; *Visited* Nepal; *Knows* German; *Specln* Plant Quarantines, Chemical Control of Insects and Fumigants; *Hobb* Games and music; *Add* Division of Entomology, Indian Agricultural Research Institute, New Delhi 12.

WAGH, (DR) SHASHIKANT KRISHNA; Botanist/Agronomist CIBA of India Ltd, Bombay since 1964; *b* 27 Jan 1934, Chitakula, Distt N. Kanara; *Edn* BSc (Hons) and PhD (Botany) Bombay Univ 1954 and 1961; *Exp* Botanist Syntex S.A Ltd, Mexico 1954-55, Resch Botanist UNESCO Scheme Inst of Science, Bombay 1955-56, Botanist Biological Products Pvt Ltd, Bombay 1956-61, Resch Scholar (Govt of France) 1961-62, Pool Officer (CSIR) Botanical Survey of India, Calcutta 1962-64; *Mem* Indian Botanical Socy, Madras, International Assn for Plant Taxonomy, Utrecht and Assn of Tropical Biology, Trinidad; *Pub* Four papers published in journals of repute and a tech report on 'Surveys of Medical Plants in India'; *Visited* France and Morocco; *Knows* French; *Specln* Botany (Angiosperm Taxonomy, Geography & Ecology); *Hobb* Philately and hiking; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Care Dr K. G Wagh, Post Sadashivgad, Distt N. Kanara (Mysore State).

WARATKAR, VASANT BHUJI; Sr Resch Asst Tassar Resch Stn, Ranchi; *b* 1 Feb 1936, Ghorad (Maharashtra); *Edn* BSc (Agri) and MSc (Agri) (Entomology) (first class) Nagpur Univ 1959 and 1961; *Exp* Jr Resch Asst J.B Central Resch for Village Industries, Wardha 1962-65; *Pub* Thesis on 'Studies on the Comparative Efficacy of Various Insecticides in the Control of Pink-Bollworm of Cotton in Vidharbha Region of Maharashtra'; *Specln* Entomology; *Hobb* Badminton, Volleyball, khokho, kabadi, etc; *Av'ble* for employment abroad (notice—one month); *Add* At & P.O Ghorad, Distt Wardha (Maharashtra).

Y

YADAGIRI, NAGAVALLI; Lecturer Agrl Chemistry Coll of Agri Osmania Univ; *b* 11 Aug 1936, Warangal (A.P); *Edn* BSc and MSc (Agri) Osmania Univ 1958 and 1960; *Mem* Indian Socy of Soil Science; *Specln* Agrl Chemistry; *Hobb* Radio Engg; *Av'ble* for employment abroad (notice—one month); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Warangal (A.P).

YADAV, (DR) JAI SINGH PAL; Sr Resch Officer Forest Resch Inst, Dehra Dun since 1962; *b* 30 Jul 1922, Akhaipur, Distt Aligarh (U.P); *Edn* BSc (Agri) Agra Univ 1946, Dip IARI Indian Agrl Resch Inst, New Delhi 1947, MSc (Agri) & PhD Agra Univ 1951 & 1958, Dip Forestry (Oxon) Oxford Univ (UK) 1959; *Exp* Demonstrator Chemistry Govt Agrl Coll, Kanpur 1947-51, Sr Resch Asst Deptt of Agri (U.P Govt) 1951-56, Soil Chemist Forest Resch Inst, Dehra Dun 1956-62; *Mem* Indian Socy of Soil Science, New Delhi, International Socy of Soil Science, National Academy of Sciences (India) and Socy of Indian Foresters; *Fellow* Chemical Socy, London (UK); *Pub* 44 resch papers published in various reputed journals; *Visited* UK, Holland, Switzerland, Australia, Germany, Denmark, Norway, Sweden, Finland, France and Italy; *Specln* Soil Science; *Hobb* Sight-seeing; *Av'ble* for employment abroad (depends upon offer); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill Akhaipur, Distt Aligarh (U.P).

YAMDAGNI, RAKESH; Resch Fellow (Horticulture) Govt Agri Coll, Kanpur; *b* 1 Jan 1944, Dehra Dun (U.P); *Edn* BSc and MSc (Agri) Agra Univ 1961 and 1963; *Specln* Horticulture; *Hobb* Resch, letter writing and general knowledge; *Listed* 'Men of Sciences &Technology in India' (Premier Publishers India); *Add* Care Shri V. P Sharma, Village Kheranarain Singh, Distt Aligarh (U.P).

YARDI, HANMANT VYANKTESH; Asst Teacher Shri Shivaji Vidyalaya, Surur (Maharashtra); *b* 12 Oct 1903, Belgaum; *Edn* BAg & BT Bombay Univ 1930 & 1934, Cert Proficiency in Visual Edn Deptt of Visual Edn 1951; *Exp* Asst Teacher, Asst Headmaster and Asst Teacher D.E Socy's Dravid High Schl, Wai (Maharashtra) 1934-53, 1953-59 and 1959-64; *Pub* 'Textbook in Geography', scientific articles on Milk, Bacteria, etc, articles in educational journals and reports as Projectionist (for 12 years) Audio Visual Edn; *Specln* 16-mm Sound Film Projection; *Hobb* Nail-Drawing (Prepared 54 Cards of Nail-Drawing for Schl Golden Jubilee 1962); *Add* 58 Gangapuri, At & P.O Wai, Distt Satara (Maharashtra).

Z

ZAFARULLAH, MOHAMMAD; Lecturer Zoology Science Coll, Angul (Orissa) since 1962; *b* 28 Jul 1928, Distt Cuttack; *Edn* MSc (Zoology) Calcutta Univ 1950; *Exp* Lecturer Zoology Ravenshaw Coll, Cuttack, G.M Coll, Sambalpur and B.J.B Coll, Bhubaneswar 1953-54, 1954-57 and 1957-62; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Village & P.O Chowdakulat, Distt Cuttack (Orissa).

ZAIDI, ANWAR ALI; *b* 9 Aug 1942, Jansath (U.P); *Edn* BSc and MSc Aligarh Muslim Univ 1960 and 1963; *Exp* Advanced Post-Grad Trg (Food Techy) Marine Products Processing Trg Centre, Mangalore (Indo-Japanese Collaboration) 1963-64; *Vice-Pres* Old Boys Assn of M.P.P.T.C, Mangalore; *Pub* A Report on 'Future of Fish, Ham and Sausages in India'; *Specln* Fisheries & Marine Products and Fruit Preservation Techy; *Hobb* Gardening, photography and fishing; *Av'ble* for employment abroad (notice—three months); *Add* Habib Manzil, Town Jansath, Muzaffarnagar (U.P).

ZUNJARWAD, RAMCHANDRA VYANKATESH; Vety Officer Taluq Billoli, Distt Nanded since 1961; *b* 16 Oct 1937, Sholapur; *Edn* BVSc Bombay Univ 1961; *Specln* Bovine and Canine; *Hobb* Cricket and indoor games; *Av'ble* for employment abroad (notice—two months); *Listed* National Register (CSIR); *Add* 953 North Sadar Bazar, Sholapur (Maharashtra).

Addenda

The inclusions which could not be incorporated in the main volume due to some obvious reasons, late arrival of biographies, belated approval of sketch proofs, delayed receipts of photographs, etc, are detailed in this addenda. This is also an equally important part of this volume for all purposes of reference. All these entries have been duly taken into account in Names and Subject Index

—EDITOR

ABDUL WAHEED, ABDUL HAFEEZ; Agrl Supervisor (Sc) Soil Conservation, Charthana; *b* 1 Feb 1942; *Edn* BSc (Agri) Nagpur Univ 1964; *Hobb* Cultivation of different crops; *Add* At & Post Amrapur, Via Khamgaon, Distt Buldana (Maharashtra).

AHLUWALIA, JAGJIT SINGH; Resch Officer Livestock Resch Stn, Patna since 1964; *b* 1 Nov 1933, Rawalpindi (W.Pak); *Edn* BVSc & AH Bihar Univ 1955, Post-Grad Madras Vety Coll 1960, MS Univ of Missouri (USA) 1962; *Exp* Demonstrator and Lecturer Bihar Vety Coll, Patna 1955-58 and 1958-64; *Mem* Journal of A.V.MA (USA), Journal of Parasitology (USA) and Bihar Animal Husbandry Assn, etc; *Pub* Two papers published in journals of repute and three popular articles; *Visited* USA, UK, France, Germany, Switzerland, UAR, Canada, Rome, etc; *Knows* German; *Specln* Parasitology and Pathology; *Hobb* Photography, singing, indoor games, etc; *Av'ble* for employment abroad (notice—three months); *Add* Oswal Bhavan, Nivaranpur, P.O Hinoo, Ranchi (Bihar).

AMIN, RAMANBHAI SHIVABHAI; Asst Resch Officer & Asst Prof Horticulture Agrl Inst, Anand since 1960; *b* 30 Oct 1921, Chhota Udaipur; *Edn* BSc (Agri) Bombay Univ 1947, MSc (Agri) Sardar Vallabhbhai Vidyapeeth 1958, MS Kansas State Univ (USA) 1959; *Exp* Demonstrator Horticulture 1947-51, Sr Resch Asst, Farm Supdt and Lecturer Horticulture 1952-60; *Visited* USA; *Specln* Horticulture; *Hobb* Reading; *Add* Chhota Udaipur, Distt Baroda (Gujarat).

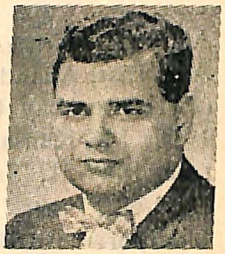
ARORA, VINOD KUMAR; Sr Resch Fellow (CSIR) A.H Deptt U.P Agrl Univ, Pantnagar; *b* 19 Nov 1941, Faizabad (U.P); *Edn* BSVc & AH and MSc (A.H) Agra Univ 1962 and 1964; *Exp* Demonstrator and Lecturer Animal Genetics & Breeding U.P Coll of Vety Science & A.H, Mathura 1962-64 and 1964-65; *Specln* Animal Genetics and Breeding; *Hobb* Reading tech subjects and professional discussions; *Av'ble* for employment abroad; *Add* Opposite City Station, Faizabad (U.P).

BABARIA, CHHAGANLAL HIRJIBHAI; Lecturer Dairy Economics Inst of Agri, Anand; *b* 20 Jun 1933, Devarajia (Gujarat); *Edn* BSc (Agri) Gujarat Univ 1957, MSc (Agri) Sardar Vallabhbhai Vidyapeeth 1959; *Exp* Jr Resch Asst Inst of Agri, Anand 1957-60, Organiser Intensive Area Scheme of Khadi & Vill Commission 1960-61; *Mem* Indian Socy of Agrl Economics and Indian Dairy Science Assn; *Pub* A paper published in a reputed

journal; *Knows* German; *Specln* Dairy Economics; *Av'ble* for employment abroad (notice—three months); *Add* At & Post Kunkavav, Distt Amreli (Gujarat).

BAHL, P. N; Asst Geneticist Botany Div Indian Agrl Resch Inst, New Delhi since Oct 1962; *b* 28 Mar 1933, Urmar, Distt Hoshiarpur (Punjab); *Edn* BSc Panjab Univ 1952, MSc Rajputana Univ 1955; *Exp* Resch Asst 1955-62, Started Work on Genetics of Yellow Rust Resistance in Barley for the first time in India; *Mem* Indian Journal of Genetics & Plant Breeding; *Pub* More than a dozen resch papers published in reputed journals; *Specln* Wheat and Barley Breeding; *Hobb* Photography; *Av'ble* for employment abroad as soon as relieved by the Govt of India (through proper channel); *Add* S/o Shri Jai Kishan Dass Bahl, Urmar, Distt Hoshiarpur (Punjab).

BAIG, MIRZA ATAULLA; Lecturer Anatomy Bombay Vety Coll, Bombay; *b* 5 Jan 1930, Warrangal (A.P); *Edn* BVSc Osmania Univ 1953; *Exp* Vety Asst, Asst Vety Officer and Vety Officer Oct-Dec 1953, 1953-56 and 1956-62; *Mem* Bombay Vety Club; *Pub* Three papers in 'Bombay-Veterinary College Magazine'; *Knows* Persian; *Specln* Artificial Insemination in Cattle; *Hobb* Reading and writing; *Add* Bombay Veterinary College, Parel, Bombay 12 (Maharashtra).



BAJPAI, (DR) PRAPHULLA KUMAR; Asst Prof Univ of Dayton (USA) and consultant biologist Stauffer Chemical Co, Adrian (USA); *b* 24 Sep 1936; *Edn* BVSc & AH and MVSc Agra Univ 1958 and 1960, MSc and PhD Ohio State Univ 1963 and 1965; *Exp* Vety Surgeon (U.P) Jun 1958, Resch Asst Indian Vety Resch Inst Jun-Aug 1960, Resch Asst Ohio State Univ 1960-64, Instructor Univ of Dayton 1964-65, Post-Doctoral Fellow Ohio State Univ Jun-Jul 1965; *Mem* Poultry Science Assn (Canada & USA) and National Geographic Socy (USA); *Pub* Eight papers published in journals of repute; *Visited* USA; *Knows* French (reading); *Specln* Physiology and Immunology; *Hobb* Painting (Oils) and golf; *Av'ble* for employment (notice—one year); *Add* 6 A.K.G Marg, Allahabad (U.P).

BANSAL, R. P; Virologist Indian Vety Resch Inst, Mukteswar-Kumaon; *b* 3 Oct 1931, Rohtak; *Edn* BSc and BVSc Panjab Univ 1951 and 1955; *Exp* Resch Asst Indian Vety Resch Inst, Izatnagar 1955-60, Asst Resch Officer (Rinderpest) Indian Vety Resch Inst, Mukteswar 1961-65; *Pub* One resch paper and eight more submitted at various conferences; *Specln* Virology (Rinderpest); *Hobb* Gardening; *Av'ble* for employment abroad (notice—three months); *Add* Goran Bhawan, Jhajjar Road, Rohtak (Punjab).

BATHLA, JAGDISH MITRA; Asst Prof A.H & Dairying B.R Coll, Agra since Jul 1964; *b* 22 Dec 1939, Okara (W.Pak); *Edn* BSc (Agri) and MSc (Agri) (A.H & Dairying) Agra Univ 1960 and 1964; *Exp* Incharge Govt Dairy, Agra Apr-Jul 1963; *Mem* Indian Dairy Science Assn, Agra Univ Journal of Resch and Balwant Vidyapeeth Journal of Agri & Scientific Resch; *Pub* A paper on 'Contribution of Different Ingredients Towards the Microbial Population of Ice-Cream' sent for publication in Indian Journal of Dairy Science; *Specln* Dairy Techy; *Hobb* Reading books on Dairy Techy; *Av'ble* for employment abroad (notice—three months); *Add* Care Shri Ramesh Chander Bathla, Saw Mill, Barhi Road, Katni, Distt Jabalpur (M.P).

BHAID, (DR) SHRIDHAR UMAKANT; Post-Doctoral Resch Scholar Inst FUR Agriculturchemie, Bonn (W.Germany) since Jan 1965; *b* 9 Feb 1936, Darwha (Maharashtra); *Edn* BSc (Agri) & MSc (Agri) Nagpur Univ 1958 & 1960, PhD Indian Agrl Resch Inst, New Delhi 1964; *Visited* East and West Germany; *Knows* German; *Specln* Agronomy; *Hobb* Drawing, gardening, writing and reading; *Av'ble* for employment abroad (notice—two months); *Add* Darwha, Distt Yeotmal.

BHATIA, BRIJ BHUSHAN; Resch Officer (Parasitology) Vety Coll, Mathura since 1962; *b* 11 Mar 1935, Mathura; *Edn* BVSc & AH and MVSc (Vety Science) Agra Univ 1956 and 1960, doing PhD; *Exp* Demonstrator Vety Coll 1956-1960, Lecturer Parasitology 1960-62; *Fellow* Helminthological Socy of India; *Pub* 25 papers published in foreign and Indian journals of repute and two departmental bulletins; *Specln* Parasitology; *Hobb* Krishi and gardening; *Add* Shri Brij Bhushan Bhatia, 32 Jagannathpur, Distt Mathura (U.P).

BHATNAGAR, (DR) VIJAI BHUSHAN; Reader Agrl Botany and I/c Plant Physiology Section Coll of Agri, Varanasi since 1963; *b* 30 May 1928, Delhi; *Edn* BSc Agra Univ 1947, MSc (Agri) and PhD B.H Univ 1949 and 1954; *Exp* Lecturer Biology D.A.V Coll, Muzaffarnagar 1949-51, Lecturer Crop Physiology B.H Univ Agri Coll, Varanasi 1954-63; *Mem* American Socy of Plant Physiology, Scandinavian Socy of Plant Physiology, Indian Socy of Plant Physiology, Rose Socy of India, Rose Socy of UK and American Socy of Horticulture; *Pub* one book, 14 papers published in journals of repute and several articles; *Visited* USA, UK and continental countries; *Knows* French and German; *Specln* Plant Physiology and Botany; *Hobb* Reading and ornamental horticulture; *Add* Reader in Agricultural Botany, College of Agriculture, Banaras Hindu University, Varanasi 5 (U.P).

BHUVANESHWAR SINGH; Agri Supervisor Agrl Schl, Rajgir (Bihar) since

1964; *b* 5 Jul 1939, Nawad Ben (Bihar); *Edn* BSc (Agri) (first class) Bihar Univ 1960, MSc (Agri) (Entomology) (first class) Bhagalpur Univ 1964; *Exp* Agrl Inspector May-Aug 1960, Demonstrator Tirhut Coll of Agri 1960-61, Sr Resch Asst 1961-63, Sr Resch Asst (Entomology) 1963-64, *Life Mem* Resch Foundation Bihar Agrl Coll, Sabour; *Pub* A thesis; *Specln* Entomology; *Hobb* Insect collection and reading news papers and tech magazines; *Av'ble* for employment abroad (notice—three months); *Add* Vill Nawad Ben, P.O Karisath, Distt Shahabad (Bihar).

BUCH, (DR) NATWARLAL CHANDULAL; Sr Scientific Officer & Officer I/c The Ford Fundation Project Inst of Agri, Anand; *b* 19 Oct 1917, Porbandar; *Edn* GBVC Bombay Univ 1941, MS and PhD Univ of Wisconsin 1954 and 1956; *Exp* Vety Officer (Bombay State) 1941-44; *Mem* Indian Socy for the Study of Reproduction and Indian Dairy Science Assn; *Pub* Seven resch papers and eight more (in collaboration) published in journals of repute; *Visited* USA, UK, France, Switzerland, Italy and Egypt; *Specln* Reproductive Biology of Farm & Laboratory Animals and Dairy Husbandry; *Av'ble* for employment abroad; *Add* Institute of Agriculture, Anand, Distt Kaira (Gujarat).

CHACKO, (MISS) SUSAN; Resch Scholar Marine Biology Deptt Kerala Univ since Sep 1962; *b* 16 Apr 1939, Trivandrum; *Edn* BSc, MSc (Marine Biology) and Dip German Kerala Univ 1959, 1961 and 1965 (intending to submit thesis for PhD in 1966); *Specln* Study of Nervous Systems in Grustaceans (Crabs, Prawns, Lobsters, etc); *Hobb* Playing guitar, violin & piano and tennis; *Av'ble* for employment abroad (notice—six months); *Add* Care Shri K. C Chacko, Kythamana, Kunnukuzhy, Distt Trivandrum (Kerala).

CHANDA, PRABIR KUMAR; Distt Agronomist & Distt Agrl Officer, Darjeeling; *b* 1 Nov 1931, Mymensingh (E.Pak); *Edn* BSc (Hons) (Botany) & BSc (Agri) Calcutta Univ 1952 & 1955, Assoc IARI (Agronomy) Indian Agrl Resch Inst, New Delhi 1958; *Exp* Asst Agronomist (Soil Conservation) Teesta Catchment Circle, Darjeeling 1956-58, Oil Seeds Development Asst, Valyani 1958-59, Farm Manager Jute Seed, Multiplication Farm 1959-62; *Mem* Indian Socy of Agronomy; *Specln* Rice Agronomy and Jute Seed Production; *Hobb* Travelling and reading detective & romantic novels; *Av'ble* for employment abroad (notice—three months); *Add* 40 Pratapaditya Place, Calcutta 28 (W.B).

CHANDRASEKHARAN, KANNAN PARAMBIL; Prof Pathology Madras Vety Coll, Madras since 1954; *b* 8 Jun 1918, Tellicherry (Kerala); *Edn* GMVC Madras Vety Coll 1939, BVSc Madras Univ 1940, MS Missouri Univ (USA) 1960; *Exp* Asst Lecturer Pathology & Bacteriology and Lecturer

Pathology Madras Vety Coll, Madras 1942-47 and 1947-54; *Mem* Indian Vety Assn; *Pub* 30 papers published in Indian & foreign journals of repute and two papers in Encyclopaedia (in Tamil); *Visited* USA, England and Switzerland; *Specln* Vety Pathology and Animal Diseases; *Hobb* Tennis; *Av'ble* for employment abroad (notice—three months); *Add* Kannan Paramat House, N. Parur (Kerala).

CHATURVEDI, (DR) J. N; Marketing Officer (Trg) Directorate of Inspection Central Agmark Lab, Nagpur since 1963; *b* 28 Jun 1930, Dalipnagar (U.P); *Edn* BA & MA (Economics) Bombay Univ 1954 and 1956, DPhil Allahabad Univ 1960; *Exp* Secy to Director Sree Niwas Cotton Mills, Bombay 1960 61, Statistician (Rajasthan Govt) May 1961-Feb 1963; *Mem* Economic Assn, Nagpur; *Pub* A book 'Theory of Marketing in Underdeveloped Countries' (1959) and one more 'Economic Planning in Underdeveloped Countries' (in press), four papers published in journals of repute and three marketing survey reports; *Specln* Marketing, Agrl Prices and Economic Development; *Hobb* Painting and carpentry; *Av'ble* for employment abroad; *Add* Vill & P.O Dalipnagar, Distt Kanpur.

DAS, LAKSHMINARAYANA; Asst Prof (Extension) Orissa Coll of Vety Science & A.H, Bhubaneshwar; *b* 1 Jul 1936, Nuagaon (Orissa); *Edn* BSc (Vety) Bombay Univ 1957, MS (Vety Anatomy) Missouri Univ (USA) 1962; *Exp* Vety Asst Surgeon, Raj Nilgiri 1957-59, Instructor Anatomy Orissa Coll of Vety Science & A.H 1959-64; *Mem* Orissa Vety Assn and Indian Science Congress Assn; *Pub* Seven papers published in journals of repute; *Visited* USA and Japan; *Knows* German; *Specln* Vety Science (Anatomy); *Hobb* Photography and social service; *Add* At & Post Naugaon, Via Bhanjanagar, Distt Ganjam (Orissa).

DAS, (DR) RAMESH CHANDRA; Horticulturist Orissa Govt & Prof Horticulture Orissa Agrl Coll, Bhubaneshwar; *b* 8 Oct 1925, Pratapdhananjayapur; *Edn* BSc (Agri) B.H Univ 1948, MSc (Agri) (Hort) Andhra Univ 1956, PhD Univ of Missouri (USA); *Exp* Asst Botanist, Farm Manager, Asst Horticulturist, Distt Agrl Supervisor and Asst Prof Horticulture 1948-64, Horticulturist Orissa Govt & Asso Prof Horticulture 1964-65; *Life Mem* Indian Horticultural Socy; *Mem* American Socy of Horticultural Sciences, American Socy of Biological Sciences, International Horticulture Socy, All India Science Congress, etc; *Pub* A book (under preparation), various resch papers, popular articles and resch stn reports; *Visited* USA, Japan, Hong Kong, England, Germany, France and Lebanon; *Specln* Horticultural Sciences; *Hobb* Gardening; *Av'ble* for employment abroad (notice—six months); *Add* Agricultural College, Bhubaneshwar 3, Distt Puri (Orissa).

DAVE, ARUN KUMAR DINKARLAL; Asst Resch Officer (Animal Physiology) Inst of Agri, Anand since 1962; *b* 28 Nov 1928, Karnali, Distt Baroda;

Edn BSc (Agri) (Hons) Bombay Univ 1951, MSc (Agri) Sardar Vallabhbhai Vidyapeeth 1960, One year advanced trg in Dairy Husbandry Kansas State Univ (USA) 1961-62; *Exp* Resch Asst & Demonstrator 1954-57, Supervisor ICAR Resch Scheme 1957-60; *Mem* Indian Dairy Science Assn and Board of Studies in Agri and Animal Husbandry Sardar Vallabhbhai Vidyapeeth; *Pub* A paper in Indian Journal of Vety Science & A.H and two popular articles in Gujarati; *Visited* USA; *Specln* Dairy Cattle Farm Management; *Hobb* Reading hindu mythology books; *Av'ble* for employment abroad (notice—six months); *Add* Nagarvada, P.O Sinor, Distt Baroda (Gujarat).

DEORANI, VACHAS PATI SHARMA; Asst Pathologist (Parasitic Diseases) Indian Vety Resch Inst, Izatnagar; *b* 1 Mar 1930, Pauri-Garhwal (U.P); *Edn* BSc and BVSc & AH Agra Univ 1948 and 1953, MVSc Panjab Univ 1961, Awarded Sr Fellowship of Indian Council of Med Resch for PhD in Parasitology: *Exp* Vety Asst Surgeon Lab A.H Deptt (U.P) 1953-55, Resch Asst Parasitology Div Indian Vety Resch Inst, Izatnagar 1955-56, Resch Fellow ICAR 1956-58, Asst Resch Officer (Parasitic Pathology) Indian Vety Resch Inst, Izatnagar 1959-64 (Teaching MVSc Agra Univ since 1959); *Mem* Indian Science Congress Assn, Calcutta and Indian Helminthological Socy, Lucknow; *Pub* 24 resch papers published in journals of repute; *Specln* Parasitic Pathology (Helminthology); *Hobb* Outdoor games, hiking and cultural activities; *Av'ble* for employment abroad (subject to being approved and relieved by Govt of India); *Add* Gyan Bhawan, Vidyalaya Marg, Kashirampur, P.O Kotdwara, Distt Pauri-Garhwal (U.P).

DHAR, SHARUTI; Demonstrator Surgery Deptt Vety Coll, Mathura; *b* 15 Jul 1937, Muzaffarnagar (U.P); *Edn* BSc and BVSc & AH Agra Univ 1955 and 1959; *Exp* Vety Asst Surgeon 1959-65; *Hobb* Reading tech books; *Av'ble* for employment abroad (notice—three months); *Add* 71 Dwarka Puri, Muzaffarnagar (U.P).

DHARAM VIR; Asst Plant Pathologist Indian Agrl Resch Inst, New Delhi since 1955; *b* 29 Nov 1928 (W.Pak); *Edn* BSc (Hons) (Botany) Delhi Univ 1950, MSc (Botany) Allahabad Univ 1952-54, I/c Plant Pathology Section H.P Agri Deptt 1954-55; *Fellow* Indian Phytopathological Socy; *Pub* 14 resch papers published in reputed journals; *Knows* French; *Specln* Lab, glass house and field testing of fungicides against important plant diseases, etc; *Hobb* Sports; *Av'ble* for employment abroad; *Add* 210 Old Dalanwala, Dehra Dun (U.P).

DHARMARAJAN, (DR) M; Prof Animal Genetics Vety Coll, Madras since 1949; *b* 24 Oct 1911, Madras; *Edn* MA and MSc Madras Univ 1933

and 1937, PhD, Liverpool (UK) 1949; *Exp* Lecturer Biology Madras Vety Coll 1936-49; *Fellow* Linnean Socy of London; *Pub* Numerous publications (Contributing since 1937); *Visited* UK and other European Countries; *Knows* German; *Specln* Animal and Human Genetics; *Hobb* Music and Architecture; *Av'ble* for employment abroad (after retirement in Oct 1966); *Add* 6 Nageswara Road, Nungambakam Madras 34.

DWIVEDI, JAGDISH NARAIN; Asst Prof Pathology Vety Coll, Mathura since Jul 1965; *b* 10 Jul 1937, Banjari (U.P); *Edn* BVSc & AH and MVSc Agra Univ 1959 and 1961, Registered for PhD at Agra Univ as U.P State Nominee; *Exp* Vety Asst Surgeon (U.P) 1959-60, Demonstrator U.P Vety Coll, Mathura 1960-61, Lecturer Pathology 1961-62, Lecturer Clinical Pathology 1962-65; *Pub* MVSc thesis and two papers published in journals of repute; *Specln* Pathology; *Hobb* Photography; *Av'ble* for employment abroad (notice—three months); *Add* Vill Banjari, P.O Behta Gambhirpur, Distt Kanpur (U.P).

DWIVEDI, (DR) SHREE NARAIN; Asst Director Fisheries Directorate of Fisheries, Bhopal since 1965; *b* 16 Jun 1933, Barkhera (M.P); *Edn* BSc Agra Univ 1951, Trg in Fisheries Central Inland Fisheries Resch Stn, Calcutta 1954, LLB Agra Univ 1955, DSc Paris Univ (France) 1964; *Exp* Distt Fisheries Inspector, Bhopal 1951-57, Asst Director of Fisheries, Seon (M.P) 1957-60; *Pub* Six resch papers and three popular articles published in reputed journals; *Visited* France, USA, Canada, Japan and Malaysia; *Knows* French and German; *Specln* Fishery Biology, Biometrics and Raciation in Fishes; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India'; *Add* Indian Ocean Expedition (CSIR), B-7 Hauz Khas Enclave, New Delhi 17.

GARG, (DR) JAGDISH SARAN; Principal Govt Agri Schl and Gramsewak Trg Centre, Gorakhpur since 1964; *b* 15 Sep 1921, Hapur (U.P); *Edn* MA (Economics), MSc (Agrl Agronomy) and PhD Agra Univ 1949, 1950 and 1956; *Exp* Lecturer, Asst Prof and Production Economist-Cum-Professor Govt Agri Coll, Kanpur 1943-53, 1953-61 and 1961-64; *Mem* Indian Socy of Agrl Economics and Indian Socy of Agri Extension; *Pub* Four books on Agri Extension and Agrl Engg, about 50 papers published in journals of repute; *Specln* Agrl Economics and Agrl Extension; *Hobb* Kitchen gardening and writing; *Av'ble* for employment abroad (subject to being relieved by the Govt); *Add* Mata Mohalla Hapur, Distt Meerut.

GUPTA, MOHAN LAL; Lecturer Agrl Chemistry B.H Univ Coll of Agri, Varanasi since 1959; *b* 10 Jun 1936, Bhadba (U.P); *Edn* BSc (Agri) and MSc (Agri) Agra Univ 1954 and 1956; *Exp* Lecturer Agrl Chemistry B.R.D

Coll, Deoria 1959; *Mem* Indian Socy of Soil Science; *Pub* A book on 'A Laboratory Manual of Chemistry'; *Specln* Agrl Chemistry; *Add* Vill & P.O Bhadba (Malwan), Distt Fatehpur (U.P).

GUPTA, PREM PRAKASH; Demonstrator Pathology Vety Coll, Mathura; *b* 16 Jul 1941, Moradabad; *Edn* BSc (Part I), BVSc & AH and MVSc (Pathology) Agra Univ 1958, 1962 and 1965; *Exp* Demonstrator Anatomy Vety Coll, Mathura 1962-63, Jr Resch Fellow (ICAR) 1963-65; *Pub* Four papers under preparation and MSc thesis; *Specln* Vety Pathology; *Hobb* Reading; *Av'ble* for employment abroad (notice—one month); *Add* Care Shri Om Prakash Gupta, Devi Nagar, Distt Meerut (U.P).

HEGDE, VONTHIBETTU RAVIVARMA; Prof Physiology Mysore Vety Coll, Bangalore since 1960; *b* 2 Sep 1919, Hiriadka (Mysore State); *Edn* GMVC Madras Vety Coll 1941, BVSc Madras Univ 1942, Post-Grad Indian Vety Resch Inst, Izatnagar 1955, MS Kansas State Univ (USA) 1959; *Exp* Vety Asst Surgeon (Madras Animal Husbandry Deptt) 1942-50, Asst Lecturer Madras Vety Coll 1950-56; *Mem* Indian Vety Assn and American Vety Med Assn; *Pub* Five papers published in journals of repute; *Visited* USA; *Specln* Vety Physiology and Medicine; *Hobb* Gardening; *Av'ble* for employment abroad; *Add* Hiriadka, Distt S.Kanara (Mysore State).

IYENGAR, (DR) RAMASWAMY LAKSHMI NARASIMHA; Director Technological Lab, I.C.C.C, Bombay; *b* 21 Nov 1915, Saragur (Mysore State); *Edn* BSc, MSc and DSc Madras Univ 1925, 1936 and 1943; *Exp* Jr Resch Officer and Sr Resch Officer 1941-53 and 1953-57; *Fellow* T.I, Manchester (UK); *Mem* A.S.T.M (USA), T.A of Pulp & Paper Industry (USA), Indian Standards Instn, Senate Bombay Univ and various Other Boards; *Pub* One book, 116 papers published in journals of repute, 13 popular articles and 31 tech reports; *Visited* UK, France and Switzerland; *Specln* Fibre Science & Textile Techy; *Add* Narayan Niwas, R.P Masani Road, Matunga, Bombay 19 (Maharashtra).

JAIN, (DR) NARENDER KUMAR; Prof Agronomy Govt Agrl Coll, Kanpur since Aug 1964; *b* 20 Dec 1933, Buriya (Punjab); *Edn* BSc (Agri) (first position) & MSc (Agrl Agronomy) (first position) B.H Univ 1954 & 1956, PhD Univ of Illinois (USA) 1961; *Exp* Instructor & Lecturer Agronomy Coll of Agri B.H Univ 1955-59 & 1961-62, Head Agronomy & Plant Physiology Jute Agrl Resch Inst, Barrackpore 1962-64; *Mem* American Socy of Agronomy, Crop Science Socy of America, Sigma Xi Phi Sigma and Gamma Sigma Delta; *Pub* Fourteen papers in Indian

& foreign journals of repute; *Visited* USA; *Knows* German and French; *Specln* Crop Production, Plant Physiology and Soil Science; *Hobb* Bee-keeping; *Av'ble* for employment abroad (notice—six months); *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India): *Add* P.O Buriya, Jagadhri, Distt Ambala (Punjab).

JAUHAR, (DR) PREM PRAKASH; Asst Cytogenticist Botany Div Indian Agrl Resch Inst, New Delhi; *b* 15 Sep 1937, Phularwan, Distt Sargodha (W.Pak); *Edn* BSc (Agri) (first class & recipient of Chancellor's medal for being adjudged the best student of Agra Univ) & MSc (Agri) (first class) Agra Univ 1957 & 1959, PhD and Dip in Use of Radioisotopes Indian Agrl Resch Inst, New Delhi 1963 and 1964; *Exp* Sr Resch Asst to the Economic Botanist (Govt of U.P), Kanpur Jul-Sep 1959, Jr Sorghum Botanist Indian Agrl Programme, The Rockfeller Foundation 1962-63; *Mem* Indian Socy of Genetics & Plant Breeding, New Delhi and Indian Science Congress Assn, Calcutta; *Pub* Nine scientific papers published in reputed journals; *Specln* Genetics & Plant Breeding and Cytogenetics; *Av'ble* for employment abroad; *Add* G-70 Kirti Nagar, New Delhi 15.

JOHARI, MAHENDRA PRATAP; Prof and Head Gynae & Reproduction Coll of Vety Science & Animal Husbandry, Mathura since 1958; *b* 5 Feb 1916, Lakhimpur Kheri (U.P); *Edn* GBVC Patna Univ 1937, PG Indian Vety Resch Inst, Izatnagar (U.P) 1954, FRVCS (Sweden) 1955, As a student took part in the Non-cooperation Movement in 1932, Resigned Govt Service as a Protest on Mahatma Gandhi's Fast in 1943, Has been recognised as a fighter for the Country's Freedom Struggle by U.P Govt; *Exp* Vety Asst Surgeon in U.P Vety Deptt 1937-44, Resch Asst/Asst Resch Officer (Artificial Insemination) Indian Vety Resch Inst, Izatnagar & Mukteswar 1944-53, Animal Geneticist (U.P Govt) 1953-54, Regional Sterility Officer (U.P) 1954-58; *Mem* All India Vety Assn, Indian Science Congress Assn, U.P Vety Assn and F.A.O (Rome); *Fellow* Swedish Govt for Improvement in Vety Edn in India; *Pub* Fifty articles in leading journals; *Visited* Sweden, Norway, Denmark, Germany, France, Switzerland, Holland, Italy and England; *Knows* English and German; *Specln* Animal Breeding—Physiology and Pathology of Reproduction; *Listed* 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India; *Add* Professor and Head Department of Gynaecology & Reproduction, College of Veterinary Science & Animal Husbandry, Mathura (U.P).

JOHN, (DR) VAYALAPPALLIL THOMAS; Post-Doctoral Fellow National

Resch Council of Canada; *b* Kudavechoor (Kerala); *Edn* BSc, MA, Dip in German and PhD Madras Univ 1952, 1956, 1960 and 1961; *Exp* Resch Asst I.C.M.R, New Delhi 1958-61, Sr Resch Fellow (CSIR), New Delhi 1962-63, Ford Foundation Fellow, Manila (The Philippines) 1963-64; *Pub* Seven papers published in journals of repute and several popular scientific articles (in Tamil); *Visited* The Philippines, Japan and Canada; *Knows* German; *Specln* Plant Virology and Virus Chemistry; *Av'ble* for employment abroad (notice—six months); *Add* Care Mr V. T Augustine, No. 3 Mohammedan Street, Sembiam, Madras 11.

KALAMKAR, (DR) RAMCHANDRA JAI KRISHANA; Retd Director Agri (M.P); *b* 28 Aug 1903, Malkapur (Maharashtra); *Edn* BSc & BAg Nagpur Univ 1926 & 1929, PhD London Univ 1932; *Exp* Asst Agrl Meteorologist (Govt of India), Poona 1935-37, Dy Director Agri (M.P) 1937-47, Officer on Special Duty Soil Conservation (Govt of India) Min of Food & Agri 1947-50, Director of Agri (M.P) 1958-59, Agrl Resch Advisor & Mission Chief of F.A.O of U.N to Govt of Iraq, Baghdad 1960-63; *Mem* Scientific Committees of I.C.A.R; *Pres* Agri Section of Indian Science Congress, Baroda; *Pub* About 45 papers published in journals of repute; *Visited* England, USA, China and Iraq; *Knows* Arabic; *Specln* Agronomy, Soil Conservation and Agrl Statistics; *Av'ble* for employment abroad; *Add* 176 Dharampeth Extension, Nagpur (Maharashtra).

KHAN, (DR) TAUQUIR RAHMAN; Lecturer Zoology T.N.B Coll, Bhagalpur since 1962; *b* 19 Dec 1934, Aurangabad; *Edn* BSc & MSc (Zoology) Patna Univ 1954 & 1957, PhD Glasgow Univ (UK) 1962; *Pub* Thesis on 'Histological Studies on Brain and Reterocrebral Complex of Cockroaches, Peri-Plancta Americana & Blatta Orientalis' and one resch paper; *Visited* W.Germany, France, Switzerland, Austria, Italy, Belgium and Great Britain; *Knows* Persian and German; *Specln* Endocrinology of Invertebrates; *Hobb* Stamp-collection and watching the behaviour of animals; *Av'ble* for employment abroad (notice—three months); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Pathan Toli, P.O Aurangabad, Distt Gaya (Bihar).

KAUL, (DR) RAVINDRA NATH; Asso Prof Coll of Agrl Engg Punjab Agrl Univ, Ludhiana; *b* 29 Dec 1935, Gurez (J & K); *Edn* BSc (Agrl Engg) Allahabad Univ 1954, PhD N.C State Univ (USA) 1965; *Exp* Asst Prof Agrl Engg B.R Coll, Agra 1954-57, Chief Instructor Agri Workshop, Bichpuri (Agra) 1957-58, Lecturer Agrl Engg B.H Univ Apr-Jan 1965; *Mem* Indian Socy of Agrl Engrs, Phi Kappa Phi (USA) and

Gamma Sigma Delta (USA); *Asso Mem* American Socy of Agrl Engrs; *Pub* Three papers published in journals of repute; *Visited* USA; *Knows* German; *Specln* Agrl Engg (Farm Machinery & Power and Human Engg Applied to Agrl Tasks); *Av'ble* for employment abroad (after Jun 1967); *Add* Moza House, Barbarshaw, Distt Srinagar (J & K).

KITKARU, RAMCHANDRA DADAJI; Agrl Supervisor Land Utilisation Scheme Office of Divisional Soil Conservation Officer, Wardha; *b* 30 Jul 1941, Palasgaon, Distt Wardha; *Edn* BSc (Agri) Nagpur Univ 1964; *Hobb* Investigations in Old Sanskrit Literature; *Av'ble* for employment abroad (notice—six months); *Add* P.O Kitkaru, Near Paturkar Rammandir, Nabapura, Distt Nagpur (Maharashtra).

KOLHE, ANANDA KAUTIK; Vegetable Resch Officer, Poona since 1959 (on deputation for PhD studies IARI, New Delhi); *b* 11 Dec 1919, Pimprud, Distt Jalgaon; *Edn* BSc (Agri) Bombay Univ 1944, MSc (Agri) Poona Univ 1962; *Exp* Pulse Breeder, Jalgaon 1944-49, Agri Officer I/c Agri Resch Stn, Nawapur & Ratnagiri 1949-55, Supdt Agri Schl, Ratnagiri 1955-58; *Mem* Indian Journal of Genetics & Plant Breeding; *Pub* Ten papers published in leading journals and annual reports; *Knows* French; *Specln* Vegetable Culture & Breeding; *Hobb* Kitchen gardening; *Listed* A World List of Plant Breeders; *Add* 477 Shivaji Nagar, Poona 5 (Maharashtra).

KUMAR, BRIJ BHUSHAN; Student MVSc (Final) Indian Vety Resch Inst, Izatnagar; *b* 2 Jul 1939, Chhapar (U.P); *Edn* BVSc & AH and MVSc (Prev) Agra Univ 1963 and 1965; *Exp* Vety Asst Surgeon U.P Animal Husbandry Deptt 1963-64; *Specln* Animal Genetics & Breeding; *Hobb* Reading, shooting and walking; *Av'ble* for employment abroad (notice—six months); *Add* 5/713 Katehra Kambohan, Distt Saharanpur (U.P).

KUMAR, (DR) DINESH; Project Asso (Plant Pathology) Wisconsin Univ (USA); *b* 31 Aug 1937, Meerut; *Edn* BSc (Hons) Delhi Univ 1956, MSc and PhD Allahabad Univ 1958 and 1962; *Exp* Resch Asst (ICAR Scheme) Botany Deptt and Temporary Lecturer Allahabad Univ 1960-62 and Jul-Nov 1962; *Mem* Phytopathological Socy of America; *Pub* 14 papers published in journals of repute and six popular articles; *Visited* USA; *Knows* German and French; *Specln* Mycology and Plant Pathology (specifically Forest Pathology); *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Add* 57 Nadan Mahal Road, Lucknow (U.P).

KUMAR, K; Retd Asst Prof Plant Physiology; *b* 11 Oct 1901; *Edn* BSc Allahabad Univ 1923, MSc (Botany) B.H Univ 1925; *Exp* Offg Head Inst of Agrl Resch B.H Univ 1943-44, Sr Warden Radhakrishna Hostel (B.H Univ) 1960-61, PhD Resch Guide in Plant Physiology Coll of Agri (B.H Univ) 1950-62; *Ex-fellow* Botanical Socy of India; *Ex-mem* Board of

Studies & Examinations in Agri and Faculty of Techy B.H Univ; *Pub* A book 'Introduction to Applied Plant Physiology' (Part I for Post-Grad Students), 35 papers published in scientific journals of repute, three popular articles and report on ICAR Scheme (Resch work incorporated in USA published work and some reviews by 'Nature', London); *Specln* Plant Physiology; *Av'ble* for consultations only; *Add* 64 Prem Nagar, Dayalbagh, Agra (U.P).

KUMAR, V. KRISHNA; Resch Asso Small Industry Extension Trg Inst, Hyderabad; *b* 25 Apr 1942, Hyderabad (A.P); *Edn* BSc (Agri) Osmania Univ 1962, MSc (Agrl Extension) Indian Agrl Resch Inst, New Delhi 1964, Presently working on a project to compile a Directory of Researches in Behavioral Sciences; *Mem* A.P Psychological Assn; *Pub* Thesis on 'A Critical Analysis of the Process and Technique of Result Demonstration' (Submitted) and a paper on 'Curricular Preferences of the Post-Graduate Agriculture Students' (in collaboration); *Specln* Agrl Extension; *Hobb* Music; *Av'ble* for employment abroad (notice— three months); *Add* Lalit Kunj, 412 Gagan Mahal Colony, Hyderabad 29 (A.P).

KUSHWAHA, JAGMOHAN SINGH; Asst Economic Botanist Regional Agrl Resch Inst, Gwalior since Sep 1964; *b* 20 Jan 1937, Madhoopura; *Edn* BSc (Agri) and MSc (Agrl Botany) Vikram Univ 1959 and 1961; *Exp* Resch Asst 1961-64; *Pub* Thesis on 'Morphocytological Studies in Important Weeds of Gwalior Region', one paper and various popular articles; *Specln* Plant Breeding; *Av'ble* for employment abroad (notice—three months); *Add* Vill Madhoopura, P.O Pandri, Distt Bhind (M.P).

LATHKER, VENKATRAO VINAYAKRAO; Extension Officer (A.H) Panchayat Samiti, Udgir (Maharashtra) since Jan 1962; *b* 17 Jul 1937, Osman Nagar (Maharashtra); *Edn* BVSc & AH Osmania Univ 1960, studying for MVSc from Agra Univ; *Exp* Vety Officer Aurangabad, Jalna and Kalambar Vety Hospitals 1960-61, Feb-Apr 1961 and 1961-62; *Pub* Read an article in Vety Officers' Seminar at Aurangabad; *Hobb* Interested in games; *Av'ble* for employment abroad (notice—two months); *Add* Extension Officer Animal Husbandry, Panchayat Samriti, Udgir, Distt Osmanabad (Maharashtra).

MAHAJAN, KRISHAN KUMAR; Zoologist Zoological Survey of India, Calcutta since 1960; *b* 11 Sep 1930; *Edn* MSc (Zoology) B.H Univ 1956; *Exp* Fisheries Extension Asst and Asst Fisheries Extension Officer (Min of Food & Agri) New Delhi 1956-58 and 1958-60; *Pub* Two tour reports and two resch papers (under publication); *Knows* German (Preliminary); *Specln* Protozoology (Free Living including Soil Forms); *Hobb* Photography and

touring; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 8A/99 W.E.A, Karol Bagh, New Delhi 5.

MAJUMDER, BALARAM; Resch Fellow Bose Inst, Calcutta; *b* 10 Aug 1931; *Edn* BSc and MSc (Botany) Calcutta Univ 1954 and 1956, submitting thesis for DPhil in Nov 1965; *Mem* Bengal Botanical Socy, Indian Socy of Cytology and Genetics and Indian Journal of Plant Breeding and Genetics, New Delhi; *Life Mem* Science & Culture, Calcutta; *Pub* Resch papers published in Bose Inst Journal, popular articles in Monthly and Sunday Magazines; *Specln* Rice Breeding and Radiation Genetics; *Hobb* Studying scientific books & articles, travelling and music; *Add* 51/IA Nainaupara Lane, Baranagar, Calcutta 36 (W.B).

MALLARAJARS, VALEGAREHALLY MALLARAJARS; Prof Agrl Engg Coll of Agri, Dharwar since Jul 1963; *b* 17 Jan 1926, Valegarehally; *Edn* BE Mysore Univ 1954; *Exp* Supervisor Agri Coll, Hebbal 1955-58, Asst Prof & Head Admn Div. Teaching & Resch Agri Coll, Hebbal 1958-63; *Mem* Indian Socy of Agrl Engrs; Sports Secy & Warden Coll Hostel, N.C.C 'B' & 'C' Cert Holder; *Pub* 13 papers and articles published in journals of repute and 11 more under publication; *Visited* Japan (for Advanced Trg in Farm Machinery Under Colombo Plan); *Specln* Agrl Engg (Farm & Dairy Machinery, Drainage, Irrigation and Soil Conservation); *Av'ble* for employment abroad; *Add* Professor of Agricultural Engineering, College of Agriculture, Dharwar (Mysore State).

MATHUR, CHARAN SWAROOP; Officer I/c Nutrition Section Udaipur Univ Coll of Vety & Animal Sciences, Bikaner (Rajasthan) since 1957; *b* 21 Oct 1927; *Edn* BVSc & AH Agra Univ 1961, Cert Indian Vety Resch Inst, Izatnagar 1960, MSc Ohio State Univ (USA) 1961; *Exp* Vety Asst Surgeon (Resch Asst) Diseases & Pests Section Livestock Resch Stn & Asst Diseases Investigation Officer U.P Coll of Vety Science & Animal Husbandry, Mathura 1951-53 & 1953-57, Chairman Cultural & Literary Socy of the Udaipur Univ Coll of Vety & Animal Science, Bikaner (Rajasthan), Warden (Hostel Supdt); *Pub* Textbooks of 'Nutrition & Dietetics', 'Analytical Laboratory Procedure in Nutrition' & 'Common Feeds & Fodders of Rajasthan' (under publication), about 25 papers and a few popular articles in various journals of repute, report on 'The Diseases & Pests Section, Livestock Resch Stn, U.P Coll of Vety Science & Animal Husbandry, Mathura'; *Visited* USA, UK, Sweden, Germany, Switzerland, France, Italy, Holland and Turky; *Specln* Nutrition Dietetics (Biochemistry & Physiology and

Sheep Husbandry); *Hobb* Cricket, music and dramas (cultural programmes); *Av'ble* for employment abroad; *Listed* National Register (CSIR), USAID & ICAR Directories and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* College of Veterinary & Animal Science, Bikaner (Rajasthan).

MICHAEL, ARAYATHINAL MICHAEL; Reader Agrl Engg S.K.N Coll of Agri, Jobner; *b* 17 Jun 1930, Poonjar; *Edn* BSc (Agrl Engg) Allahabad Univ 1953, MTech Indian Inst of Techy, Kharagpur 1962; *Mem* Indian Socy of Agrl Engrs and Soil Conservation Socy of India; *Pub* One book, 13 papers published in journals of repute and three popular articles; *Specln* Soil & Water Conservation Engg; *Add* Care Shri A. V Michael Arayathinal, Palhampuzha Poonjar (Kerala).

MISHRA, RAM RATAN; Asst Prof (Genetics) Animal Genetics Div Indian Vety Resch Inst, Izatnagar; *b* Jan 1935, Bahuchara (U.P); *Edn* BSc, BVSc & AH and MVSc (AH) Agra Univ 1955, 1960 and 1963; *Exp* Resch Asst (A.I) 1960-61, Resch Asst (F.A.G) 1963-64; *Mem* Indian Science Congress Assn; *Pub* Two papers published in journals of repute; *Specln* Histo-Chemistry of Reproductive Organs Under Different Ambient Temperature (also trained in Electrophoretic studies); *Hobb* Learning of new scientific advancements; *Listed* National Register (CSIR); *Add* Vill & P.O Bahuchara, Distt Pratapgarh (U.P).

MISRA, SIBA KUMAR; Prof & Head Medicine Deptt Orissa Vety Coll, Bhubaneswar since 1962; *b* 25 Jun 1924, Jamunadeipur Sasan, Distt Mayurbhanj (Orissa); *Edn* GMSc & BVSc Madras Univ 1949 & 1950, P.G (Medicine) Royal Vety Coll, Edinburgh (UK) 1957, P.G (Medicine) FAO 1964; *Exp* Vety Asst Surgeon Animal Husbandry Deptt (Orissa) 1950-55, Lecturer Vety Science Agrl Coll (Orissa) 1955-56, Asst Prof Animal Husbandry & Reader Medicine Deptt Orissa Vety Coll, Bhubaneswar 1956-58 & 1958-62; *Mem* Board of Faculty of Vety Science & Animal Husbandry, Academy Council & Conducting Board of Examiners Orissa Univ of Agri & Techy, Bhubaneswar; *Pub* Eight resch papers published in reputed Indian journals; *Visited* UK, Sweden and France; *Specln* Vety Medicine; *Hobb* Resch and teaching; *Av'ble* for employment abroad if Orissa Govt permits (notice—three months); *Add* Vill Jamunadeipur Sasan, P.O Baripada, Distt Mayurbhanj (Orissa).

MITHUJI, GUSTASP FRAMROZE; Asst Resch Officer Central Poultry Resch Stn Agri Inst, Anand; *b* 25 Sep 1933, Bombay; *Edn* BSc (Vety) (Hons) Bombay Univ 1955, MS Kansas State Univ (USA) 1964; *Exp* Farm Supervisor Aarey Milk Colony 1955-57, Lecturer Vety Science, Anand 1957-58, Asst Resch Officer Animal Nutrition Stn, Anand 1958-62; *Mem*

Poultry Science Assn (USA) and Indian Science Congress; *Pub* Paper in a reputed journal, an article and a tech report; *Visited* America and Hawaii; *Specln* Poultry Nutrition and Pathology; *Hobb* Swimming; *Av'ble* for employment abroad (notice—one month); *Add* Jehangir Mansion (4×4) 1st Marine Street, Bombay 1 (Maharashtra).

MUKHERJEE, ILABANTA MUKHOPADHYAY; Asst Lecturer Botany Deptt The Queen's Univ, Belfast (North Ireland); *b* 1 Nov 1936, Ranaghat (W.B); *Edn* BSc (Agri) & MSc (Agri) Calcutta Univ 1956 & 1958, MTech Indian Inst of Techy, Karagpur 1960; *Exp* Resch Scholar (Agrl Engg) Indian Inst of Techy, Kharagpur 1960-61, Lecturer Rajasthan Coll of Agri, Udaipur 1961-62, Demonstrator Queens Univ (North Ireland) 1962-64; *Mem* Socy for Experimental Biology; *Pub* Four papers published in journals of repute; *Visited* UK; *Specln* Plant Physiology and Plant Breeding; *Hobb* Reading poetry and fishing; *Av'ble* for employment (notice—six months); *Add* Care Mr Justice Bijayesh Mukherjee, 156 B, Rash Bihari Avenue, Calcutta 29 (W.B).

MURTHY, (DR) VAYUVEGULA SRIRAMACHANDRA; Lecturer Zoology S.V Univ since 1955; *b* 3 May 1930, Appanapalli; *Edn* BSc (Hons) and MSc (by resch) Andhra Univ 1951 and 1952, PhD Andhra Univ 1965; *Exp* Demonstrator and Lecturer Zoology Andhra Univ 1951-52 and 1952-55; *Mem* Indian Science Congress and Madras Zoological Socy; *Pub* Five papers published in scientific journals, MSc and PhD theses and one tech report; *Knows* German; *Specln* Oceanography, Estuarine Ecology, Advanced Ecology and Sensory Physiology; *Hobb* Yoga Asanams and gardening; *Listed* International Directory of Oceanographers, The Allan Hancock Foundation, California (USA), National Register (CSIR) and 'Men of Sciences & Technology in India'; *Add* Appanapalli, Via Nagaram, Distt E.Godavari (A.P).

MURTY, (DR) KUCHIMANCHI SATYANARAYANA; Plant Physiologist Central Rice Resch Inst, Cuttack since 1963; *b* 9 Nov 1928, Uppudi (A.P); *Edn* BSc (Agri) Andhra Univ 1949, MSc (Agri) B.H Univ 1954, PhD IARI, New Delhi 1961; *Exp* Upper Subordinate Madras Agrl Deptt 1949-52, Resch Asst and Asst Physiologist Central Rice Resch Inst, Cuttack 1954-62 and 1962-63; *Mem* Indian Socy of Plant Physiology and Assn for Rice Resch Workers; *Pub* Six papers published in scientific journals of repute, tech report on 'Green Manuring for Rice'; *Knows* German; *Specln* Plant Physiology; *Add* Palivela, Distt E.Godavary (A.P).

NAIK, MAHENDRA NATHUBHAI; Agrl Officer Bidi Tobacco Resch Stn, Anand; *b* 25 Jul 1933, Sarbhon (Gujarat); *Edn* BSc (Agri) Gujarat Univ 1954, MSc (Agri) Sardar Vallabhbhai Vidyapeeth, Anand 1959; *Exp* Jr

Resch Asst (Bidi Tobacco Grading Scheme) 1954-56, Jr Resch Asst (Agronomy) Bidi Tobacco & Plant Breeding 1956-57, Sr Resch Asst Trg Scheme (Bidi Tobacco) 1957-62; *Mem* Indian Socy of Genetics & Plant Breeding; *Pub* Five papers and various popular articles; *Specln* Agronomy & Plant Breeding: *Hobb* Sports (especially Cricket, Badminton, Table-Tennis, etc) and reading; *Av'ble* for employment abroad (notice—one year); *Add* Jawahir Mansion, Wagheshwari Mata's Street, Soni Falia, Surat (Gujarat).

NAUTIYAL, S. P; Resch Asst Vety Coll, Mathura; *b* 25 Oct 1916; *Edn* GBVC Vety Coll, Patna 1947; *Exp* Vety Asst Surgeon 1948-58 (In Public Health Deptt Feb-Oct 1949), Vety Asst Surgeon (Group I) 1958-59; *Pub* Two scientific articles on Homeopathy and five annual department reports; *Specln* Interested in Radio Biology and Biophysics; *Hobb* Photography, homeopathy and astrology; *Av'ble* for employment abroad (notice—six months); *Add* Vill Hailure, P.O Karnprayag, Distt Chamoli (U.P).

NIKAM, P. G; Asst Economic Botanist (Cotton), Gwalior; *b* 11 Aug 1911, Mhahisal (Mysore State); *Edn* BAg and MSc (Agri) Bombay Univ 1929 and 1945; *Exp* Nayab Tehsildar Agri 1939-42, Agri Inspector, Sheopur 1942-45, Asst Mycologist (Gwalior State) 1945-49, Plant Pathologist 1949-56, Asst Plant Pathologist 1956-60; *Mem* Indian Phytopathological Socy; *Pub* Seven papers published in journals of repute, five articles and various tech reports; *Specln* Plant Pathology & Mycology; *Hobb* Reading religious books by Swami Vivekanand and Swami Rama Tiratha; *Add* Ghorpade's Wada, Naya Bazar, Lashkar,Gwalior (M.P).

NRAPENDRA NATH; Resch Asst Indian Vety Resch Inst, Mukteswar; *b* 13 Oct 1940, Meerut (U.P); *Edn* BVSc & AH and MVSc Agra Univ 1963 and 1965; *Specln* Vety Bacteriology and Virology; *Hobb* Scientific reading and airo modelling; *Av'ble* for employment abroad (notice—one month); *Listed* National Register (CSIR); *Add* Care Shri N. N Mithal, Advocate, Ram Batika, Shivaji Marg, Meerut (U.P).

OONNITHAN, (DR) E. SUKUMARAN; Post-Doctoral Resch Fellow; *b* 2 Jun 1938, Nilamel (Kerala); *Edn* BSc (Agri) Rajasthan Univ 1959, MSc IARI 1961, PhD California Univ 1965; *Exp* Resch Asst Entomology and Acarology Divs California Univ 1961-65; *Mem* Entomological Socy of America and Sigma Xi Chapter of the United States; *Pub* Several papers published in the Journal of Economic Entomology; *Visited*

Japan and Hong Kong; *Knows* French; *Specln* Metabolism of Insecticides; *Hobb* Photography and music; *Av'ble* for employment abroad (notice—six months); *Add* 419 Chempakassery Road, Trivandrum 8 (Kerala).

PANDURANGARAO, CHENGALVALA CHINA; Asst Bacteriologist Indian Vety Resch Inst, Mukteswar Kumaon since 1961; *b* 11 Feb 1933, Bhimavaram (W.Godavary); *Edn* BVSc Madras Univ 1954, MVSc Agra Univ 1960, *Exp* Vety Asst Surgeon, Gundugolanu 1954-56, Extension Officer (Animal Husbandry), Mylavaram and Tiruvur 1956-58, Asst Lecturer Schl of Vety Science & Animal Husbandry, Visakhapatnam and Asst Lecturer Andhra Vety Coll, Tirupati 1960-61; *Pub* Thesis entitled 'Studies on the Bacterial Flora of the Udder of Goats', one article published and two more submitted for publication, also presented a scientific note entitled 'Review of Recent Work Regarding the Actiology and Treatment of Mastitis in Cattle'; *Specln* Bacteriology; *Hobb* Reading magazines and playing indoor games; *Add* Indian Veterinary Research Institute, Mukteswar-Kumaon, Distt Nainital (U.P).

PANI, SATYA NARAYAN; Asst Prof Animal Genetics Orissa Coll of Vety Science & A.H, Bhubaneswar; *b* 10 Apr 1931, Amara (Orissa); *Edn* BVSc & AH Bihar Univ 1954, Assoc IVRI (Animal Genetics) Indian Vety Resch Inst, Izatnagar 1958 (Received in 1962), MS Univ of Missouri (USA) 1962; *Mem* Socy of Animal Production and Orissa Vety Assn; *Pub* Five papers published in journals of repute; *Visited* USA, England and Italy; *Specln* Farm Animal Genetics and Breeding; *Hobb* Photography; *Av'ble* for employment abroad (subject to being permitted by Govt of Orissa); *Add* Vill Amara, P. S Parla Kimedi, Distt Ganjam (Orissa).

PANJE, RAMA RAO; Director Indian Inst of Sugarcane Resch, Lucknow; *b* South Kanara Distt; *Exp* Agronomist Sugarcane Resch Stn (U.P) 1940-49, Botanist Sugarcane Breeding Inst, Coimbatore 1949-59; *Pub* About 50 papers published in journals of repute and several reports; *Visited* USA, Middle East, East Africa, West Africa, South East Asia, Liberia and Puerto Rico; *Specln* Botany and Agronomy of Sugarcane; *Add* Indian Institute of Sugarcane Research, Lucknow (U.P).

PANT, (DR) CHANDRA PRAKASH; Project Leader World Health Organisation Federal Malaria Service, Yaba (Nigeria); *b* 12 Jan 1932, Nainital (U.P); *Edn* BSc (Agri) & MSc (Agri) Agra Univ 1950 & 1952, PhD Iowa State Univ (USA) 1958; *Exp* Resch Asst Agrl Coll, Kanpur 1952-53, Scientific Asst (Min of Defence), Kanpur 1953-54,GradAsst IowaState Univ 1954-58, WHO Entomologist 1958-64; *Mem* Entomological Socy of America, Entomological Socy of India, Royal Socy for Tropical Medicine & Hygiene, London and National Socy for Malaria and other Vector Borne Diseases in India, New Delhi; *Pub* Ten papers published

in journals of repute, two theses, several unpublished reports and various other reports submitted to WHO; *Visited* USA, Holland, Switzerland, Iran, Nepal, Burma, UK, Thailand, Italy, France, Greece, Venezuela, Columbia, Congo, Brazzaville and Nigeria; *Knows* French, German and Spanish (Reading only); *Specln* Entomology of Malaria and Insecticides; *Hobb* Photography; *Add* Dania, Distt Almora (U.P).

PATEL, (DR) BALKRISHNA MOHANLAL; Officer-in-Charge Western Regional Animal Nutrition Resch Stn. Anand; *b* 17 May 1915, Baroda; *Edn* BSc (Agri) Bombay Univ 1937, MS (Dairy Husbandry) and PhD Wisconsin Univ (USA) 1950 and 1952; *Exp* Asst Agrl Chemist (Baroda State) 1937-42, Resch Asst & Asst Resch Officer Dairy Science 1942-49; *Mem* Indian Dairy Assn, Indian Science Congress and Animal Nutrition Committee; *Pub* Writing two books 'Animal Nutrition' and 'Milk & Milk Products', 30 papers published in journals of repute and 44 papers presented to Science Congress, tech reports on Animal Nutrition in Western India; *Visited* USA; *Knows* French and German; *Specln* Nutrition and Biochemistry; *Hobb* Cricket and tennis; *Add* Dr B. M Patel, Linda Pole, Baroda (Gujarat State).

PATEL, CHIMANLAL MANILAL; Lecturer Agronomy B.A Coll of Agri and Headmaster Sheth M.C Schl of Agri, Anand since 1957; *b* 15 Feb 1929, Kanial, Distt Kaira; *Edn* BSc (Agri) (Hons) and MSc (Agri) Sardar Vallabhbhai Vidyapeeth 1952 and 1958, Appearing for MSc (Agrl Economics) 1966, Attended the 'Farm Managment Course' held by Indian Socy of Agrl Economics, Bombay; *Exp* Lecturer Agronomy B.A Coll of Agri, Anand 1952-56; *Mem* Indian Socy of Agrl Economics, Bombay; *Pub* Two books 'Manures & Crop-Production' and 'Cash Crops of Gujarat State' (in Gujarati). Appointed to write a textbook on 'Farming, Farm Management and Farm Accounts' for BSc (Agri) Students in Gujarat State, also 125 popular articles on Agri; *Specln* Agri and Agrl Economics; *Hobb* Farming; *Av'ble* for employment abroad (notice—two months); *Add* Patel Pole, Kaniel, Via Nadiad, Distt Kaira (Gujarat).

PATEL, (DR) HARIBHAI KISHORBHAI; Prof & Head Entomology Deptt B.A Coll of Agri, Anand since 1954; *b* 22 Oct 1921; *Edn* BSc (Agri) (Hons) Bombay Univ 1944, PhD (Agrl Entomology) Durham Univ (UK) 1953; *Exp* Agrl Officer (Cotton) Bombay State Agri Deptt 1944-47, Resch Asst and Demonstrator Agrl Entomology 1947-48 and 1948-49, Lecturer Entomology 1950-51; *Fellow* Entomological Socy of India; *Life Mem* Gujarat Assn for Agrl Science; *Pub* 'A Textbook of Agricultural Entomology' (under preparation), 25 papers published in journals of repute, 30 articles in Gujarati magazines, number of radio talks and various tech reports; *Visited* UK; *Specln* Agrl Entomology;

Hobb Reading and writing; *Add* Moti Khadki, Pitrushram Nivas, Kasar Taluq, Anand, Distt Kaira (Gujarat).

PATEL, (DR) RANCHHODBHAI MADHAVBHAI; Principal & Prof Agrl Botany B.A Coll of Agri, Anand since 1959; *b* 27 Dec 1918, Thamna (Gujarat); *Edn* BSc (Hons) (Agri) Bombay Univ 1943, MS and PhD Wisconsin Univ (USA) 1951 and 1953; *Exp* Principal Gramsevak Trg Centre 1955-59, Director Inst of Agri, Anand 1959-61; *Synpicate Mem & Dean* Faculty of Agri Sardar Vallabhbhai Vidyapeeth; *Mem* Indian Socy of Agronomy, Indian Socy of Genetics & Plant Breeding, Indian Socy of Extension Edn and Sigma Xi (USA); *Pub* Textbooks in Agri for High Schls (under publication), 19 tech papers and 21 popular articles; *Visited* USA and England; *Knows* Spanish and French; *Specln* Agronomy and Plant Breeding; *Hobb* Cricket other minor games and general reading; *Av'ble* for employment abroad (notice—six months); *Add* Dr R. M Patel, Thamna, Via Umreth, Distt Kaira (Gujarat).

PATEL, (DR) RAOJIBHAI CHHOTABHAI; Principal Investigator Parasite Scheme and Hony Prof Inst of Agri, Anand; *b* 2 Jul 1927, Dabhan (Gujarat); *Edn* BSc (Agri) Bombay Univ 1952, MSc (Agri) Gujarat Univ 1954, PhD Wisconsin Univ (USA) 1959; *Exp* Demonstrator Entomology B.A Coll of Agri, Anand 1950-54, Sr Resch Asst (Bidi Tobacco Resch Stn) Inst of Agri, Anand 1954-56, Resch Fellow Univ of Wisconsin 1956-59, Asst Resch Officer Inst of Agri, Anand 1959-63 (Resch Officer after 1963 and then transferred to the present position); *Life Fellow* Entomological Socy of India and Gujarat Assn for Agrl Sciences; *Pub* 'Textbook of Zoology' for Agrl Colls (in Gujarati) being published by the Gujarat Govt, 16 papers published in journals of repute, several popular articles and various radio talks; *Visited* USA, UK, France, Germany, Switzerland, Netherlands, Belgium, etc; *Knows* French and Spanish; *Specln* Entomology (Agrl & Med) and Invert Zoology; *Hobb* Badminton, stamp-collection, watching birds & animals in natural surroundings; *Add* Care Shri Chhotabhai Naranbhai Patel, Dabhan, Via Nadiad, Distt Kaira (Gujarat).

PATEL, (DR) THAKORBHAI DAHYABHAI; Prof Dairy Techy Dairy Science Coll, Anand since 1961; *b* 16 Jun 1923, Tan, Distt Surat; *Edn* BSc (Agri) Bombay Univ 1946, MSc (Agri) Gujarat Univ 1953, PhD Wisconsin Univ (USA) 1961; *Exp* Officer I/c Dairy Farm 1946-51, Demonstrator 1951-53, Lecturer & Dairy Manager 1953-57; *Mem* Dairy Science Assn of India; *Pub* Three tech bulletins and a paper in Journal of Dairy Science (May 1962); *Visited* USA; *Knows* German; *Specln* Dairy Techy; *Add* Dr Thakorbhai Dahyabhai Patel, Vill Tan, Taluka Bardoli, Distt Surat (Gujarat).

PATEL, VISHNUBHAI CHUNIBHAI; Sr Resch Asst Entomology Deptt Inst of Agri, Anand since 1960; *b* 22 Nov 1933, Nadiad; *Edn* BSc (Agri) Gujarat Univ 1957, MSc (Agri) (Agronomy) Sardar Vallabhbhai Vidyapeeth 1960, Vinit Gujarat Vidyapeeth 1960; *Exp* Agrl Officer (Soil Conservation) Bombay Govt Agri Deptt May-Aug 1956, Jr Resch Asst and Asst Farm Manager Bidi Tobacco Resch Stn, Inst of Agri, Anand 1956-57 and 1957-60; *Life Mem* Entomological Socy of India; *Pub* Six resch articles published in journals of repute; *Specln* Agronomy and Entomology; *Hobb* Reading, writing, cricket and hockey; *Add* 8 Santram Socy, Nadiad, Distt Kaira (Gujarat).

PAUL, (DR) THECKUMPARAMPIL MATHEW; Head Dairy Extension Div National Dairy Resch Inst, Karnal; *b* 10 Sep 1916 (Kerala); *Edn* BSc Madras Univ 1941, MSc Andhra Univ 1943, PhD Bombay Univ 1948, AH Tech I Great Britain 1947, ARIC London 1949, FRIC London 1965; *Exp* Resch Officer (Dairy Chemistry) and Dairy Chemist & Head Chemistry Div National Dairy Resch Inst, Karnal 1960-62, Chief Quality Control Officer Delhi Milk Scheme 1962-65; *Mem* Socy of Dairy Techy (UK), Royal Inst of Chemistry, London and Delhi Socy of Quality Control; *Pub* More than 70 publications published in journals of repute; *Visited* UK, France, Germany, Holland, Denmark, Sweden, Switzerland and Italy; *Specln* Dairy Science; *Hobb* Photography, gardening, fishing and hunting; *Av'ble* for employment abroad (notice—one year); *Add* Theckumparampil, P.O Thirumarady, Distt N.Travancore.

PRASAD, (DR) NIRANKER; Dean S.K.N Coll of Agri, Jobner (Univ of Udaipur); *b* 28 Sep 1914, Fyzabad (U.P); *Edn* BSc & MSc Allahabad Univ 1934 & 1936, Assoc IARI Indian Agrl Resch Inst, New Delhi 1938, PhD Univ of California (USA) 1948; *Exp* Mycologist & Prof Plant Pathology Coll of Agri, Sind 1939-48, Prof Plant Pathology Coll of Agri, Anand 1949-57, Plant Pathologist (Govt of Rajasthan) 1957-60, Principal (Now Dean) S.K.N Coll of Agri, Jobner since Jul 1960; *Mem* Indian Phytopathological Socy (Had been Vice-Pres for two years), Indian Botanical Socy and American Phytopathological Socy; *Pub* 75 resch papers published in Indian & foreign journals of repute, invited to write two monographs on 'Genus Eusarium' and 'Helminthosporium' by Indian Council of Agrl Resch, New Delhi; *Visited* USA; *Knows* German and French; *Specln* Plant Pathology; *Av'ble* for employment abroad (notice—three months); *Add* D 196 Jagdish Marg, Bani Park, Jaipur (Rajasthan).

PUROHIT, (DR) MOHAN SINGH; Dean Coll of Vety & Animal Sciences,

Bikaner; *b* 1 Jan 1924, Distt Pali (Rajasthan); *Edn* GBVC Bihar Univ 1947, MS and PhD Michigan State Univ 1950 and 1953; *Exp* Worked as Officer on Special Duty, Prof Animal Husbandry and Principal Vety Coll, Bikaner; *Pub* Thesis for PhD submitted to Michigan State Univ (USA), 11 papers 'Mammary Glands of the Cow Camel', 'Osphrenic in a Camel', 'Determination of Age in Camel by Teeth', etc published in journals of repute and three more under publication; *Visited* USA, Holland, Canada, UK, Hawaii, Japan and Thailand; *Knows* Spanish; *Specln* Vety Bacteriology; *Add* Dean, College of Veterinary and Animal Science, Bikaner (Rajasthan).

RAIKAR, RAMBHAU KHANDERAO; Prof Physiology Nagpur Vety Coll, Nagpur since 1959; *b* 21 Dec 1919, Jalgaon; *Edn* GBVC (Bombay) 1945, PG Trg (Radiology) K.E.M Hospital, Bombay 1948, PG Trg (Nutrition) Indian Council of Med Resch Nutrition Resch Inst, Coonoor 1951, BSc (Vety) Bombay Univ 1955, PG Trg (Physiology) R.D Schl of Vety Science & Trg in Poultry Agrl Schl, Edinburgh (UK) 1955-56, MS (Nutrition) Kansas State Univ (USA) 1962; *Exp* Vety Asst Surgeon 1945-47, Lecturer Physiology Bombay Vety Coll 1947-52, Asst Prof Physiology Bombay & Nagpur Vety Coll 1952-59; *Mem* Agri Faculty (Nagpur Univ) and Faculty of Techy (Bombay Univ); *Life Mem* Maharashtra Vety Med Assn; *Pub* Four papers published in reputed journals and several other writings (to be published); *Visited* UK and USA; *Specln* Animal Nutrition and Animal Physiology; *Hobb* Cricket, gardening and reading of scientific literature; *Av'ble* for employment abroad (notice—six months); *Listed* Times of India Directory; *Add* B.D.D.'s Chawls, 19-A, Room No. 68, Naigaum, Bombay 14 (Maharashtra).

RAMAKRISHNAN, (DR) LAKSHMANAN; Resch Fellow (Post-Doctoral) International Rice Resch Inst, Manila (Philippines); *b* 14 Oct 1937, Tinnevely; *Edn* BSc Madras Univ 1956, MA Annamalai Univ 1958, MSc & PhD Madras Univ 1959 & 1963; *Exp* Scholar (Madras Univ) 1959-60, Govt of India Fellow 1960-63; *Elected Mem* American Socy of Plant Physiologists and American Phytopathological Socy; *Pub* Section II paper 8 in 'Rice Blast Disease' (John Hopkins Press, Baltimore), three papers in press and two more under preparation; *Visited* Philippines and Japan; *Knows* German; *Specln* Various aspects of Rice Blast Diseases; *Hobb* Sports; *Av'ble* for employment abroad (notice—three months); *Add* 16, IIIrd Street, Abhiramapuram, Madras 18.

RAJ NAWINDER PAL; Prof Dairying Coll of Agri Punjab Agrl Univ, Ludhiana since 1961; *b* 10 Feb 1921, Pindigheb; *Edn* BSc (Agri) and MSc (Animal Husbandry & Dairying) 1941 and 1943, Asso IDI, Bangalore 1948, Post-Grad Trg in Dairy Science (USA) 1958-59, Proceeded to UK

for Doctorate in Dairy Science; *Exp* Worked with Agri Deptt, Layalpur 1944-47, Agri Deptt, Hansi 1947-51, Coll of Agri, Ludhiana 1951 to date; *Mem* India Dairy Science Assn; *Pub* 20 scientific papers on 'Electrical Conductivity of Cow and Buffalo Milk', 'Electrical Conductivity to find out Adulteration', etc published in reputed journals; *Visited* USA, UK, France, Switzerland and Syria; *Specln* Dairy Techy; *Hobb* Gardening; *Add* 8/372 Rameshwar Sadan, Sindhi Colony, Vrindavan, Mathura (U.P).

RANGAN, RAGHUNATHA SRINIVASA; Resident Vety Officer M.P Vety Coll, Jabalpur since Jan 1965; *b* 15 Mar 1911, Innambore (Madras State); *Edn* BVSc Madras Univ 1933; *Exp* Vety Asst Surgeon and Vety Inspector (Bastar State) 1934-44 and 1944-47, Vety Asst Surgeon (M.P Govt) 1948-52, Asst Prof Surgery, Prof Anatomy, Asst Prof Surgery and Prof Surgery M.P Vety Coll, Jabalpur 1952-62, Mar-Oct 1962, 1962-63 and 1963-65; *Specln* Surgery, Anatomy & Clinics in Vety Science; *Hobb* Reading Sanskrit; *Add* 'Shanti Niwas', 748 West Niwanganj, Jabalpur (M.P).

RAO, (DR) CHINTAMANENI SYAMA SUNDARA; Audio-Visual Aid Specialist Extension Div Indian Agrl Resch Inst, New Delhi; *b* 16 Nov 1932, Jujhavarum (A.P); *Edn* BSc (Agri) Andhra Univ, Assoc IARI and PhD Indian Agrl Resch Inst, New Delhi; *Exp* Agrl Demonstrator, Extension Asst and Publicity Officer Jul-Oct 1954, 1954-56 and 1961-62; *Mem* Indian Socy of Agronomy, Indian Socy of Extension Edn and Post-Grad Students' Journal; *Pub* About 29 bulletins, six papers published in journals of repute and various tech reports; *Knows* French; *Specln* Publicity and propaganda; *Hobb* Sports, photography and games; *Add* P.O Jujhavarum, Via Pamaln, Distt Krishna (A.P).

RAO, SUSARLA RAMMOHAN; Prof Parasitology Bombay Vety Coll, Bombay; *b* 15 Jun 1909, Yenugulamahal (A.P); *Edn* BSc, MSc and DSc B.H Univ 1932, 1934 and 1938; *Exp* Parasitologist to Govt and Head Deptt Parasitology Bombay Vety Coll 1945-54; *Mem* Indian Science Congress Assn; *Pub* 60 papers published in journals of repute and editorials in Bombay Vety Coll Magazine; *Visited* USA; *Knows* German; *Specln* Entomology Protozoology, Helminthology and Acarology; *Hobb* Photography; *Av'ble* for employment abroad; *Add* P.O Ittili, Distt West Godavari (A.P).

RATHNASABAPATHY, (DR) VAITHILINGAM; Prof Hygiene (A.H) Vety Coll, Madras since 1962; *b* 15 Jun 1922, Distt Ramnad; *Edn* BVSc Madras Univ 1954, PhD (Animal Husbandry) Univ of Missouri (USA) 1954; *Exp* Lecturer Animal Husbandry 1956-58, Resch Officer Nutrition 1958, Reader Genetics 1958-62; *Mem* All India Vety Assn; *Pub* 12 papers published in journals of repute and three popular articles; *Visited* USA, England, France, Switzerland, Italy and Egypt; *Specln* Animal Breeding & Genetics; *Add* 19 Venkatesapuram, Madras 23.

REDDI, (DR) VELAGALA RAMAKRISHNA; Lecturer Botany Deptt Andhra Univ since 1959; *b* 26 Nov 1930, Aravalli (A.P); *Edn* BSc (Hons) (first class), MSc (first class) and PhD Andhra Univ 1953, 1954 and 1964; *Exp* Jr Resch Scholar and Sr Resch Scholar (Govt of India) 1953-56 and 1956-59; *Mem* Botanical Socy of India; *Pub* Five papers published in journals of repute and one tech report; *Knows* German; *Specln* Cytology and Genetics; *Hobb* Gardening, collection of Sanskrit words of plants and their Latin diagnosis; *Av'ble* for employment abroad (notice—six months); *Add* Shri V. R Reddi, Lecturer Botany Department, Andhra University, Waltair (A.P).

REDDY, GUNDLAGUTTA MAHADEVA; Grad Student (PhD) in USA; *b* 22 Jun 1937, Madnapalle (A.P); *Edn* BSc Venkateswara Univ 1957, Asso CFTRI Central Fuel Trg Resch Inst, Mysore 1959, MS (Food Science) Oregon State Univ 1964; *Exp* Chemist Midland Fruit & Vegetable Products, Mathura (U.P) 1960-61; *Student Mem* Inst of Food Technologists (USA); *Affiliate Mem* American Dairy Science Assn; *Pub* Two theses; *Visited* USA; *Knows* German; *Specln* Fruit Techy, Food Science and Bacteriology; *Hobb* Photography and swimming; *Av'ble* for employment abroad (notice—three months); *Add* Shri G. M Reddy, P.O Sompalle, Distt Chittoor (A.P).

REDDY, P. NARASIMHA; Asst Lecturer Botany S.V Agrl Coll, Tirupati since Oct 1963; *b* 15 Jun 1939, Vengalayapalle (A.P); *Edn* BSc (Agri) Andhra Univ 1961, Oilseed Asst and Agrl Extension Officer (Cuddapah Distt) Jul-Aug 1961 and 1961-63; *Specln* Crop Botany, Genetics and Plant Breeding; *Hobb* Reading books, writing poems and stories in Telugu; *Add* Vengalayapalle, P.O Rajupalli, Proddatur Tq, Distt Cuddapah (A.P).

SAHA, (DR) BISWAMBHAR; Pool Officer (CSIR) State Agrl Resch Inst, Calcutta; *b* 1 Nov 1928, Katlapur; *Edn* BSc & MSc Dacca Univ 1950 & 1952, PhD Manchester Univ (UK) 1958; *Exp* Sr Lecturer Botany Dacca Univ 1954-55, Sr Lecturer National Inst of Science 1959-61; *Mem* Indian Science Congress Assn and Botanical Socy of Bengal; *Pub* Twenty papers published in Indian and foreign journals of repute, various abstracts in journals and numerous reports; *Visited* USA, France & Switzerland; *Knows* German (Passed Jr & Sr Proficiency Cert); *Specln* Morphology, Anatomy and Morphogenesis of Plants (Botany); *Hobb* Touring places; *Av'ble* for employment abroad (notice—one month); *Add* 4 Greek Church Row Extension, P.O Kalighat, Calcutta 26 (W.B).

SAHRAWAT, NARINDER SINGH; Garden Supdt Regional Fruit Resch Stn, Mashobra (Simla); *b* 6 Oct 1929, Bitaoda (U.P); *Edn* MSc (Agri) (Horticulture) Agra Univ 1953; *Exp* Fruit Resch Asst Horticulture (H.P) 1954-60, Asst Horticulturist I/c Dry Fruit Resch Stn, Boktu (H.P) 1960-65; *Pub* A paper and five annual tech reports; *Specln* Horticulture; *Hobb*

Photography and hiking; *Add* Garden Superintendent, Regional Fruit Research Station, Mashobra (H.P).

SAMPATHKUMARAN, MADAVALAM SHAMACHAR; Vety Resch Officer Agrl Resch Inst, Rajendranagar, Hyderabad; *b* Secunderabad; *Edn* Licenciate in Agri, Bangalore 1939, Cert in Hort (Two years Specialisation Course from Botanical Gardens, Bangalore) 1941; *Exp* Jr Officer Vegetable Production Scheme, Hyderabad 1944-46, Horticultural Asst (Warangal and Rudrur) 1946-56, Fruit Development Officer, Hyderabad 1956-63; *Jt Secy* Agri Horticulture Socy, Hyderabad; *Specln* Ornamental Architecture & Viticulture and Vegetable Seed Products; *Add* Agricultural Research Institute, Rajendranagar, Hyderabad 30 (A.P).

SANGAL, PURAN MAL; Asst Conservator of Forests Office of Chief Conservator of Forests, Port Blair since 1960; *b* 1 Mar 1937, Aldi (U.P); *Edn* BSc (Agri) (first class second) & MSc (Agri) (Agronomy) (first class first) Agra Univ 1955 & 1957, AIFC Forest Resch Inst & Colls, Dehra Dun 1961; *Exp* Lecturer Agronomy Govt Agri Coll, Kanpur 1957-58, Officer Probationer Indian Forest Coll, Dehra Dun 1958-60; *Mem* International Socy of Tropical Ecology and Indian Botanical Socy; *Ex-mem* Indian Socy of Agronomy; *Pub* Two tech reports; *Specln* Forestry Agronomy (in the field of Agri); *Hobb* Travelling and photography; *Av'ble* for employment abroad (notice—four months) (also av'ble for employment in the field of Agri or Forestry in India at a basic salary of Rs 1 000 P.M); *Add* Care Shri Brij Bhushan Lal, At & P.O Kandhala, Distt Muzaffarnagar (U.P).

SATCHIDANANDAM, VENKATACHALAM; Reader Physiology Madras Vety Coll, Madras since Sep 1965; *b* 24 Jan 1925, Madras; *Edn* BSc & BVSc Madras Univ 1945 & 1950, MS Univ of Tennessee (USA) 1961, Dip Economics Madras Univ, Madras 1960, Dips in French and German 1956 and 1958; *Exp* Vety Asst Surgeon (Madras State) 1950-53, Asst Lecturer and Lecturer Physiology Madras Vety Coll 1953-61 and 1961-65; *Mem* Indian Vety Assn; *Exec Mem* Madras Vety Assn; *Pub* Papers in Indian Vety Journal, Madras; *Visited* USA; *Knows* French and German; *Specln* Animal Physiology; *Hobb* Photography; *Av'ble* for employment abroad (notice—one year); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 41 Venkatesapuram, Madras 23.

SHAH, (DR) CHAMPAKLAL BHOGILAL; Resch Officer & Hony Prof Plant Physiology B.A Coll of Agri (Inst of Agri), Anand since 1962; *b* 15 May 1926, Umreth (Gujarat State); *Edn* BSc (Agri) (Hons) Bombay Univ 1947, MSc (Agri) Gujarat Univ 1956, MS (Plant Physiology) and PhD (Plant Physiology) Univ of California (USA) 1960 and 1962; *Exp* Demonstrator Agronomy and Lecturer Agronomy 1947-51 and 1951-58, Rockfeller Foundation Scholar for higher studies in USA 1958-62;

Mem American Socy of Plant Physiology, Socy of Sigma Xi, Scandanavian Socy of Plant Physiology and Indian Socy of Plant Physiology; *Pub* Two papers published in reputed journals, popular articles, radio talks and three tech reports; *Visited* USA; *Specln* Plant Physiology; *Hobb* Playing cards and light reading; *Av'ble* for employment abroad (notice—three months); *Add* Care Dr N. B Shah, Tharsa, Distt Kaira (Gujarat).

SAXENA, (DR) DEVENDRA B; Resch Officer Fisheries Deptt J & K Govt, Srinagar since Sep 1965; *b* 20 Mar 1928, Fatehgarh (U.P); *Edn* MSc Agra Univ 1951, PhD Lucknow Univ 1959; *Exp* Lecturer Zoology D.A.V Coll, Kanpur 1951-63, Sr Resch Fellow (UGC) Zoology Deptt J & K Univ 1963-65 Awarded Gold Madal by National Academy of Sciences, (India) 1964; *Mem* Japanese Socy of Ichthyology, Zoological Socy of Czechoslovakia, Indian Science Congress and Indian Science News Assn; *Life Mem* National Academy of Sciences (India) and Zoological Socy of India; *Fellow* Academy of Zoology; *Fellow and Genl Secy* International Socy of Ichthyology & Hydrobiology; *Managing Editor* Ichthyolopica; *Pub* 45 resch papers and articles published in journals of repute; *Knows* French; *Specln* Ichthyology and Herpatology; *Av'ble* for employment abroad (notice—three months); *Listed* Who's Who Zoological Socy of India, Directory of the Systematic Zoologists of the World and 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Research Officer, Department of Fisheries, J & K Government Tourist Centre, Srinagar (Kashmir).

SHARMA D. N; Lecturer Pathology Vety Coll, Mathura; *b* 1 Jan 1936, Roopvas (U.P); *Edn* BVSc & AH and MVSc Agra Univ 1958 and 1964, Was awarded Sr Resch Fellowship of ICAR for higher studies leading to PhD; *Exp* Vety Asst Surgeon I|c Vety Hospital 1958-62, On deputation for MVSc Course 1962-64, Demonstrator Pathology Vety Coll, Mathura May-Aug 1964; *Pub* MVSc thesis and three papers sent for publication; *Specln* Pathology; *Hobb* Playing games; *Av'ble* for employment abroad (notice—three months); *Add* Roopvas, Balandshahr (U.P).

SHARMA, VISHNU KANT; Lecturer Botany Govt Degree Coll, Neemuch (M.P) since Jul 1965; *b* 8 Aug 1936, Firozabad (U.P); *Edn* Cert of Proficiency in German Allahabad Univ 1960, MSc (Botany) Agra Univ 1962; *Exp* Lecturer Botany Damoh Coll, Damoh 1962-64, Lecturer Botany Govt Degree Coll, Damoh 1964-65; *Mem* Indian Botanical Socy; *Knows* German; *Specln* Crop Physiology; *Hobb* Travelling, reading and gardening, *Av'ble* for employment abroad (notice—two months); *Add* Purani Mandi, Firozabad, Distt Agra (U.P).

SHARMA, SHIVE KUMAR; Supervisor Dairy Husbandry Div National Dairy Resch Inst, Karnal; *b* 12 Sep 1942, Ghaloli (U.P); *Edn* BSc (Agri) Agra Univ 1963; *Exp* Hony Apprentice Tea Estate, Herbert Pur (U.P) 1963-64; *Hobb* Travelling, hiking and music; *Av'ble* for employment abroad (notice—one month); *Add* Vill Ghaloli, P.O Rankhandi, Distt Saharanpur (U.P).

SHUKLA, (DR) PRAFULLACHANDRA CHANDRASUKARAM; Asst Resch Officer Inst of Agri, Anand; *b* 5 Apr 1928, Surat; *Edn* BSc (Agri) Bombay Univ 1950, MSc (Agri) Gujarat Univ 1957, PhD Sardar Vallabhbhai Vidyapeeth 1965; *Exp* Dairy Manager 1950-52, Jr Resch Asst 1952-57, Sr Resch Asst 1957-62; *Mem* Indian Science Congress and Indian Dairy Science Assn; *Pub* Three papers published in journals of repute; *Specln* Animal Nutrition and Dairy Science; *Add* House No. 708, Havadia Chakla, Surat 1 (Gujarat State).

SHUKLA, RAMA KANT; Marketing Officer; *b* 2 Jul 1929, Lakhimpur-Kheri (U.P); *Edn* BSc (Agri) and MA (Economics) Agra Univ 1950 and 1952, Dip Agri(Co-operative), Paris (France) 1963; *Exp* Dy Marketing Inspector (Tobacco Grading) 1960-62; *Mem* Indian Socy of Agrl Economics; *Pub* 20 papers published in journals of repute, and tech reports; *Visited* France; *Knows* French; *Specln* Agrl Marketing; *Av'ble* for employment abroad (notice – six months); *Listed* National Register (CSIR); *Add* Care Shri P. N Shukla, Advocate, Lakhimpur-Kheri (U.P).

SIMON, KAKKASSERIL JOB; Vice-Principal & Head Physiology Deptt Kerala Vety Coll & Resch Inst, Mannuthu (Kerala) since 1955; *b* 5 Apr 1915, Kunnamkulam (Kerala); *Edn* GVSc Calcutta Univ 1935, DVM Univ of Philippines 1949, MS Iowa State Univ (USA) 1960; *Exp* Vety Surgeon 1936-53, Poultry Officer 1953-54; *Mem* Faculty of Vety Science Kerala Univ, Interim Indian Vety Council and Kerala Vety Assn; *Pub* A book on Animal Husbandry (in Malyalam) and various papers published in journals of repute; *Visited* Philippines, USA, England and France; *Knows* French; *Specln* Vety Physiology (particularly Physiology of Elephants); *Add* Kampayyur, Kunnamkulam, Distt Trichur (Kerala).

SINGH, (DR) RAJ NATH; Principal Udai Pratap Coll, Varanasi; *b* 1 Jul 1917, Sauna (U.P); *Edn* BSc (Agri) Agra Univ 1938, MSc (Agrl Botany) B.H Univ 1941, PhD Iowa State Univ (USA) 1948; *Exp* Lecturer, Asst Prof and Prof & Head Agri Deptt B.R Coll, Agra 1939-48, Farm Manager and Lecturer Farm Management & Dairying U.P Coll of Vety Science, Mathura 1949-55, Principal Udai Pratap Coll, Varanasi 1955-57, Dy Director State Live Stock Farms (U.P) 1957-61; *Visited* USA, England and European Countries; *Specln* Dairying & Farm Management and Teaching and Management of Colls; *Av'ble* for employment abroad (notice – four months); *Add* Vill & P.O Sauna, Distt Ghazipur (U.P).

SINGH, RAM AUTAR; Asst Prof Extension U.P Vety Coll, Mathura; *b* 5 Sep 1923, Sarani (U.P); *Edn* Dip Vety Science (first class first—Gold Medallist) Bihar Vety Coll, Patna 1945, Dip Statistics (first class first) B.H Univ 1957, BVSc & AH (first class) and MVSc (A.H) (first class) Agra Univ 1959 and 1963; *Exp* Vety Asst Surgeon and Officer I/c Key Village Scheme 1945-54 and 1954-61; *Mem* U.P Vety Assn, Indian Vety Assn and Indian Socy of Extension Edn; *Pub* Article on 'Relative Efficiency of Milk Production', a number of popular articles (in Hindi and English), various bulletins, leaflets and pamphlets; *Specln* Population Genetics; *Hobb* Preparation of literature in simple English and Hindi; *Av'ble* for employment abroad; *Add* Vill Kansapatti, P.O Kanja, Distt Pratapgarh (U.P)

SINGH, RAMNARAIN GAYA PRASAD SINGH; *b* 28 Jan 1943, Distt Sultanpur (U.P); *Edn* BSc (Agri) Gorakhpur Univ 1963; *Exp* Agrl Teacher High Schl Section 1963-64; *Hobb* Agrl things; *Av'ble* for employment abroad (immediately); *Add* Vill Bangerkalan, P.O Meopur, Distt Sultanpur (U.P).

SINGH, RISHI MUNI; Grad Asst Agronomy Deptt Univ of Florida (USA); *b* 31 Jul 1942, Barhat (U.P); *Edn* BSc (Agri) & MSc (Agri) (Botany) Agra Univ 1960 & 1962, doing PhD from Univ of Florida (completion due in Dec 1965); *Mem* Genetics Socy of America and Alpha Zeta & Phi Sigma Honor Socys; *Visited* USA; *Knows* French and German (reading only); *Specln* Cereal Cytogenetics and Plant Breeding; *Hobb* Swimming; *Av'ble* for employment (notice—six months); *Add* Vill & Post Barhat, Distt Ghazipur (U.P).

SINGH, (DR) SHIV NARAIN; Principal Balwant Rajput Coll, Agra (U.P) since 1949; *b* 24 Sep 1908, Awagarh, Distt Etah (U.P); *Edn* BSc & MSc B.H Univ 1932 & 1934, PhD Agra Univ 1948; *Exp* Resch Scholar B.H Univ 1934-37, Resch Asst B.H Univ 1937-40, Asst Prof & Asso Prof Agrl Chemistry B.R Coll, Agra 1940-48 & 1948-49, Prof & Head Animal Husbandry & Dairying Deptt B.R Coll, Agra 1949 64, Visiting Scientist in Animal Science Univ of Illinois, Urbana (USA) under T.C.M in 1957, Officer I/c of ACAR Resch Project; *Mem* Indian Dairy Science Assn, Bangalore, Animal Nutrition Committee, ICAR, New Delhi; *Convener* Board of Studies in Agri; *Dean* Faculty of Agri (Agra Univ); *Pub* One book on 'Agriculture Chemistry' (Plant & Animal) and several papers published in Indian & foreign scientific & tech journals of repute; *Visited* USA; *Specln* Animal Nutrition; *Listed* Dairy of Indian Nationals, 'Men of Sciences & Technology in India' and 'Men of Education in India' (Premier Publishers India); *Add* Balwant Rajput College, Agra (U.P).

SINGH, SHYAM KUMAR; Instructor Social Science U.P Vety Coll, Mathura; *b* 12 Jul 1940, Hardoi (U.P); *Edn* BA and MSW Lucknow Univ 1960 and 1962, Doing LLB from Agra Univ; *Exp* Social Worker (Family Planning) U.P Govt 1962-64; *Pub* Thesis on 'Machinery for Industrial Peace in U.P'; *Specln* Labour Relations and Personnel Management; *Hobb* Social Service; *Av'ble* for employment abroad; *Add* Hardoi (U.P).

SOHI, HARNEK SINGH; Plant Pathologist Agri Deptt (H.P) & Ex-officio Asso Prof Plant Pathology since 1962; *b* 25 Feb 1930, Distt Ambala; *Edn* BSc, BSc (Hons) and MSc (Hons) Panjab Univ 1949, 1951 and 1953 (submitting PhD thesis); *Exp* Prof Biology D.N Coll, Hissar 1954, Resch Asst and Asst Mycologist Div of Mycology Indian Agrl Resch Inst, New Delhi 1954-59 and 1959-62; *Mem* Indian Phytopathological Socy; *Pub* More than 30 papers published in journals of repute, three Farmers Bulletins, radio talks and annual reports; *Specln* Systematic Mycology, Control of Diseases and Mushroom Cultivation; *Av'ble* for employment abroad; *Add* Vill Manpur, P.O Khant, Via Morinda, Distt Ambala.

SRINIVASAN, V; Prof Extension Bihar Vety Coll, Patna since 1960; *b* 15 Jan 1910, Ettukudi (Madras State); *Edn* BA, GMVC and Dip Econ Madras Univ 1930, 1933 and 1937, Post-Grad Central Extension Inst, Nilokheri 1963; *Exp* Vety Surgeon C.P & Berar 1935-38, Chief Vety Officer (Alwar State) 1938-40, Asst Prof 1940-60; *Pub* Four books 'Pharmacology, Materia Medica and Therapeutics' (for Vety Students), 'Clinical Medicine', 'Pretentive Medicine Extension' and Editor 'Bihar Veterinarian'; *Specln* Vety Pharmacology and Extension; *Hobb* Astrology and cow keeping; *Add* Vill & P.O Ettukudi, Distt Tanjore (Madras State).

SRIVASTAVA, SURESH CHANDRA; Sr Resch Fellow (ICAR) Parasitology Deptt U.P Coll of Vety Science, Mathura since 1964; *b* 8 Apr 1933, Lucknow; *Edn* BSc Lucknow Univ 1953, BVSc & AH and MVSc Agra Univ 1958 and 1963; *Exp* Incharge Vety Hospital, Malihabad 1958-61, I/c State Vety Hospital, Badshahbag, Lucknow 1963-64; *Pub* Eight papers published in journals of repute; *Specln* Parasitology (Helminthology); *Hobb* Book reading, photography and literature; *Av'ble* for employment abroad (notice—two months); *Add* Care Shri R. D Srivastava, Hardoi.

STEVENSON, SAMUEL ALEXANDER; Lecturer Horticulture Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur since 1961; *b* 20 Nov 1918, Nagpur; *Edn* BSc (Agri) and MSc (Agri) Nagpur Univ 1942 and 1955, Dip Univ of Florida (USA) 1957; *Exp* Horticultural Resch Asst 1944-58, Lecturer Botany 1958-60, Asst Horiculturist 1960; *Mem* Florida State Horticulture Socy; *Pub* Ten papers published in journals of repute and various annual reports; *Visited* USA; *Specln* Pomology; *Hobb* Music (Indian & Western); *Av'ble* for employment abroad (notice—six months); *Add* New Colony, Nagpur (Maharashtra).

SURENDER KUMAR (DR); Virologist Indian Vety Resch Inst, Mukteswar since 1965; *b* 5 Jun 1935, Lucknow (U.P); *Edn* BVSc & AH Agra Univ 1957, MS and PhD Univ of Minnesota (USA) 1961 and 1962; *Exp* Resch Asst Coll of Vety Medicine, Mathura 1957-58, Vety Bacteriologist & Consulting Bacteriologist Hill Top and Beedee Labs, St Paul (USA) 1958-59 & 1959-63, Resch Fellow & Post-Doctoral Resch Fellow Univ of Minnesota (USA) 1959-61 & 1961-63, Pool Officer (CSIR) Vety Coll, Mathura 1963-64; *Mem* Phi Zeta Kappa (USA) and Sigma Xi (USA); *Pub* Five papers published in scientific journals of repute; *Visited* England, France, Italy, Egypt, Canada and USA; *Knows* Russian and Spanish; *Specln* Bacteriology and Virology; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Add* 25 Varsity Estate, Roorkee, Distt Saharanpur (U.P).

THAKUR, BASANT SADASHIVRAO; Asst Prof Physiology Vety Coll, Nagpur since 1964 (now doing Post-Grad at Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur); *b* 5 Aug 1932, Talegaon Thakur (Maharashtra); *Edn* BVSc Saugar Univ 1952; *Exp* Vety Surgeon & Vety Officer-cum-Extension Officer (M.P Govt) 1952-55, Demonstrator Vety Coll, Jabalpur 1955-58, Sr Lecturer I/c Stockman Trg Centre, Nagpur 1958-61, Lecturer Pharmacology Vety Coll, Nagpur 1961-64; *Mem* Bombay Vety Med Assn; *Specln* Pharmacology and Vety Nutrition; *Hobb* Resch in Vety Nutrition (particularly of Indian Fodder Crops); *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* Vill & P.O Talegaon Thakur, Distt Amravati (Maharashtra).

THAKUR, (DR) DAULAT RAM; Asst Horticulturist Regional Fruit Stn, Mashobra (Simla); *b* 24 Nov 1920, Shekal (H.P); *Edn* BSc (Agri) Panjab Univ 1949, MSc (Agri) Agra Univ 1957, PhD (Horticulture) Indian Agrl Resch Inst, New Delhi 1964; *Exp* Horticulture Development Officer (H.P Govt), Simla 1957-58, Garden Supdt Regional Fruit Resch Stn, Mashobra 1958-63; *Mem* The Horticultural Socy of India, Indian Socy of Genetics & Plant Breeders and Simla Assn for Advancement of Agrl Sciences; *Pub* About a dozen papers published in journals of repute, radio talks on AIR (on Horticulture) and various departmental reports; *Specln* Fruit Breeding; *Hobb* Orcharding; *Av'ble* for employment abroad (subject to being relieved by the H.P Govt); *Add* Regional Fruit Research Station, Mashobra, Simla 7 (H.P).

TRIPATHI, (DR) JAGDISH CHANDRA; Asst Helminthologist Indian Vety Resch Inst, Izatnagar since Aug 1964; *b* 10 May 1930, Mahrora (U.P); *Edn* BSc, MSc (Zoology) and PhD Agra Univ 1953, 1955 and 1965; *Exp* Resch Asst and Sr Resch Asst 1953-61 and 1961-64; *Mem* Assn of Scientific Workers of India; *Pub* Four papers published in journals of repute; *Specln* Helminthology; *Hobb* Hunting and horse riding; *Av'ble* for employment abroad (subject to approval of the Govt); *Add* Vill

Mahrora, P.O & Distt Nainital (U.P).

TRIPATHI, SHOBHA MANI; Lecturer Clinical Pathology U.P Vety Coll, Mathura; *b* 3 Jan 1929, Kewalpur (U.P); *Edn* GVSc Bengal Vety Coll, Calcutta 1953, BVSc & AH and MVSc Agra Univ 1962 and 1965; *Exp* Vety Asst Surgeon and Vety Officer U.P Animal Husbandry Deptt 1953-58 and 1958-65; *Pub* Thesis on 'Studies on Pathology of Bovine Liver'; *Specln* Vety Pathology; *Hobb* Literary; *Av'ble* for employment (notice—six months); *Add* Vill Kewalpur, P.O Bairi-Bisa, Distt Varanasi.

TYAGI, INDRA JIT; Sr Resch Asst (Field) Central Arid Zone Resch Unit, Churu since 1959; *b* 12 Jun 1912, Ikari (U.P); *Edn* BSc Agra Univ 1937, Trg in Forestry (Hons) Forest Schl, Balghat (M.P) 1941; *Exp* Worked with Rajasthan Forest Deptt 1939-54, Forest Ranger & Resch Asst D.A & Resch Stn, Jodhpur 1955-57, Soil Conservation Asst, Jodhpur 1957-59; *Ex-mem* Soil Conservation Socy of India; *Mem* Central Arid Zone Resch Inst; *Specln* Sand Dume Fixation Work in Arid Zones; *Hobb* Farming; *Av'ble* for employment abroad (notice—three months); *Add* Professor's Colony, Nayapura, Kotah (Rajasthan).

UNNITHAN, R. RAVINDRAN; Vety Asst Surgeon Vety Hospital, Karikal (Pondicherry); *b* 22 Feb 1940, Adoor (Kerala); *Edn* BVSc & AH Gauhati Univ 1964; *Exp* Extension Officer Panchayat Samati, Hingna (Nagpur) Jan-Mar 1964; *Listed* National Register (CSIR); *Add* Manthathu Vadakkathil, Distt Quilon (Kerala).

UPPAL, (DR) H. L; Chief Engr & Director Land Reclamation Irrigation & Power Resch Inst, Amritsar since 1952; *b* 1 Mar 1905, Mardan (N.W. F.P); *Edn* BSc, MSc, PhD and DSc Panjab Univ 1926, 1928, 1935 and 1960; *Exp* Asst Resch Officer 1931-42, Hydraulic Officer 1942-46, Dy Director 1946-52; *Mem* Instn of Engrs (India) and Soil Committee of ICAR; *Fellow* National Inst of Sciences; *Pub* Twelve tech books, also 175 scientific papers in journals of repute; *Visited* Iran, USA, UK, Canada, France, Germany, Belgium, Holland and Italy; *Specln* Hydraulics, Soils, Flood Control, River Trg Land Reclamation, Soil Mechanics, Building Material and Concrete; *Hobb* Photography; *Av'ble* for employment abroad; *Listed* 'Men of Sciences & Technology in India' (Premier Publishers India); *Add* 1 Canal Colony, Amritsar (Punjab).

UPRETY, DINESH CHANDRA; Resch Asst Indian Agrl Resch Inst, New Delhi; *b* 4 Sep 1945, Almora (U.P); *Edn* BSc and MSc (Botany) Agra Univ 1962 and 1964; *Exp* Resch Asst Forest Resch Inst, Dehra Dun 1964-65; *Mem* Indian Socy of Plant Physiology and Indian Agrl Resch Inst, New Delhi; *Knows* German; *Specln* Plant Physiology; *Hobb* Reading scientific books & journals; *Av'ble* for employment abroad (notice—one month); *Add* Mohalla Kapina, Distt Almora (U.P).

UTIKAR, PANDURANG GOVINDRAO; Agrl Officer Plant Pathology Div Agrl Coll, Poona since 1963; *b* 10 Nov 1936, Nagersoga(Maharashtra); *Edn* BSc (Agri) Osmania Univ 1960, MSc Poona Univ 1965; *Exp* Agrl Extension Officer, Agrl Supervisor, Statistical Asst and Agrl Supervisor 1960-61, Aug-Oct 1961, 1961-62 and 1962-63; *Mem* Indian Phytopathological Socy, New Delhi and Indian Science Congress Assn, Calcutta; *Specln* Plant Pathology; *Av'ble* for employment abroad (notice—six months); *Add* At & P.O Nagersoga, Tq Ausa, Distt Osmanabad (Maharashtra).

VEDAMUTHU, (DR) EBENEZER RAJKUMAR; Instructor Oregon State Univ (USA); *b* 23 Jun 1932, Vellore (Madras State); *Edn* BSc Madras Univ 1953, Dip Indian Dairy National Dairy Resch Inst, Bangalore 1956, MS Univ of Kentucky (USA) 1961, PhD Oregon State Univ 1965; *Exp* Dairy Asst (Madras State Service) 1958-59, Resch Asst Oregon State Univ 1961-65; *Mem* Sigma Chi Socy; *Elected Mem* Gamma Sigma Delta and Phi Sigma Honors Socys; *Pub* Two papers published in Journal of Dairy Science (one more in collaboration), three papers submitted for publication and two theses; *Visited* USA; *Knows* German; *Specln* Microbiology, Food Techy and Biochemistry; *Hobb* Reading, photography and camping; *Av'ble* for employment (notice—nine months); *Add* Care Shri D. R Vedamuthu, New Avadi Road, Kilpauk, Madras 10.

VERMA, (DR) GOPAL PRASAD; Prof Agrl Chemistry R.A.K Agrl Coll, Sehore since Jun 1965; *b* 1 Jan 1931, Mant (Mathura); *Edn* BSc (Agri) (first class) and MSc (Agri) (first class) Agra Univ 1952 and 1954, PhD (Agri) Iowa State Univ (USA) 1963; *Exp* Resch Asst (TCM & MAT Scheme) 1954-56, Lecturer Agrl Chemistry 1956-63 (also Chief Chemist Agrl Resch Inst, Gwalior 1958-60), Sr Lecturer 1963-65; *Mem* American Socy of Agronomy, Gamma Sigma Delta and Sigma Xi; *Life Mem* Indian Socy of Soil Science; *Pub* 'Textbook of Practical Chemistry' (for ISc Agri Students) and 'Viva Voca Questions on Practical Chemistry', five papers published in journals of repute, 10 reviews & popular articles and report on Fertilizer Storage Trials in M.P; *Visited* USA; *Knows* German and French; *Specln* Soil Chemistry and Soil Fertility; *Hobb* Photography; *Av'ble* for employment abroad (notice—six months); *Add* Vill & P.O Mant, Distt Mathura (U.P).

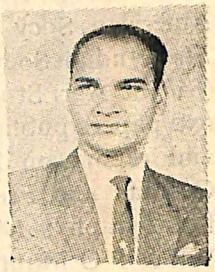
VERMA, SHAITAN SINGH; Lecturer Horticulture Rajasthan Coll of Agri, Udaipur; *b* 13 May 1931, Asalpur (Rajasthan); *Edn* BSc (Agri) Rajputana Univ 1954, MSc (Agri) (Horticulture) Agra Univ 1956, MS (Fruit Techy) Ohio State Univ (USA) 1961; *Exp* Demonstrator Horticulture 1957-58, Offg Prof Horticulture 1958-62; *Pub* Two papers in a reputed journal; *Specln* Fruit and Vegetable Preservation; *Hobb* Gardening and

appreciation of arts; *Add* 240 Bhupalpura, Udaipur (Rajasthan).

VYAS, (DR) SHANKERLAL HARILAL; Resch Officer & Prof Dairy Techy Inst of Agri, Anand since 1961; *b* 18 Nov 1923, Latipur; *Edn* BSc (Agri) (AH & Dairying) Allahabad Univ 1947, MSc (Agri) (AH) Gujarat Univ 1953, PhD Michigan State Univ 1961; *Exp* Lecturer Animal Husbandry & Dairying 1947-58, Scholar in USA 1958-61; *Mem* Indian Dairy Science Assn; *Pub* A paper published in Bulletin at Michigan, various popular articles and many radio talks; *Visited* USA, England, France, Germany, Switzerland, Italy and Egypt; *Knows* French; *Specln* Dairy Techy and Cattle Nutrition; *Hobb* Music and cricket; *Av'ble* for employment abroad (notice—three months); *Add* Research Officer & Professor Dairy Technology, Institute of Agriculture, Anand, Distt Kaira (Gujarat).

VYAS, YOGI RAJ; Resch Asst (Plant Breeding) Regional Resch Stn, Mandore (Jodhpur); *b* 20 May 1936, Jodhpur; *Edn* BSc (Agri) Rajasthan Univ 1959, MSc (Agri) Udaipur Univ 1963; *Exp* Demonstrator Agrl Chemistry Govt Agrl Coll, Jobner 1959-60 (Presently working as Asst Economic Botanist since 15 Jul 1965); *Pub* MSc thesis on 'Studies of Floral Biology in Cucumber'; *Specln* Plant Breeding, Cytogenetics and Plant Protection; *Hobb* Gardening and collection of weeds; *Av'ble* for employment abroad (notice—three months); *Add* 113 Jaswant Sarai, Station Road, Jodhpur (Rajasthan).

YADAV, INDRA DEO; Prof & Head Agri Extension Deptt S.D.G Degree Coll of Agri, Azamgarh; *b* 7 Jan 1943, Basgit; *Edn* BSc (Agri) Gorakhpur Univ 1962, MSc (Agri) (Extension) Agra Univ 1964; *Mem* Indian Socy of Extension Edn (IARI), New Delhi; *Specln* Agri Extension; *Hobb* Teaching & resch work; *Add* Vill & P.O Basgit, Distt Azamgarh (U P).



YADAV, UDAY KUMAR; Grad Asst Agronomy Deptt Virginia Tech (USA); *b* 10 Jan 1942, Gwalior (M.P); *Edn* BSc (Agri) and MSc (Agri) (first class first—Gold Medallist) Vikram Univ 1960 and 1962, doing PhD from Virginia's Land Grant Univ (USA); *Exp* Resch Asst Agrl Resch Inst, Gwalior 1962-63, Two years resch in Agronomy especially Seeding & Maintenance of Legumes on Highway Slopes in Virginia; *Mem* Phi Sigma (Honor Socy of Biological Sciences of America) and American Socy of Soil & Water Conservation; *Pub* A paper in Journal of Soil & Water Conservation in India, several poems, stories and tech articles in Hindi magazines and MSc thesis; *Visited* USA; *Specln* Crop & Soil Science; *Hobb* Resch, writing & reading scientific & literary papers, sports, car driving and marking public aquaintances; *Av'ble* for employment after Jan 1966 (notice—two months); *Add* Yadav Bhavan, Naya Bazar, Lashkar, Gwalior 1 (M.P).

NAMES INDEX

Abdul Rekib, 17
Abdul Waheed, A. H., 233
Abraham, (Dr) A., 17
(Dr) T. A., 17
Abrol, (Dr) I. P., 18
Agarwal, G. S., 18
(Dr) J. P., 18
(Dr) R. A., 18
(Dr) R. K., 19
S. C., 19
S. K., 19
Y. K., 19
Agashe, (Dr) S. N., 20
Agrawal (Dr) B. L., 20
(Dr) V. P., 20
Ahluwalia, J. S., 233
S. S., 20
Ahuja, L. R., 21
Almaula, P. I., 21
Ambasht, (Dr) R. S., 21
Amin, R. S., 233
Anand, G. P. Singh, 22
Ananthasayana, K., 22
Angelo, S. J., 22
Antony Raja, B. T., 22
Appadurai, R., 22
Arora, A. K., 22
V. K., 233
Arya, (Dr) H. C., 23
Asket Singh, (Dr), 23
Azad, K. C., 23

Babaria, C. H., 233
Babu, (Dr) C. N., 24
(Dr) K. S., 24
Badhe, N. N., 24
Bagde, S. M., 24
Bahadur, (Dr) J., 25
Bahl, P. N., 234
Baig, M. A., 234
Bajpai, P. K., 234
Balam, (Dr) B. S., 25
Bamba, V. S., 25
Banerjee, A. K., 25
(Dr) S K., 25
Bansal, R. P., 234
Barooah, S., 26
Baruah, (Dr) H. K., 26
Basu, M., 26
(Dr) R. K., 27
S. B., 27
Batcha, G. R., 27
Bathla, J. M., 235
Batra, S. S., 27
Behura, (Dr) B. K., 27
Benjamin, B. R., 28
Beri, R. M., 28
Bhaduri, (Dr) J. L., 28
Bhagwati Prasad, 29
Bhaid, S. U., 235
Bhalerao, (Dr) V. R., 29
Bharadwaj, (Dr) B. D., 29
(Dr) D. C., 29
G. N., 30
K. R., 30
Bhargava, (Dr) S. N., 30
Bhaskaran, A. R., 31
(Dr) R., 31
Bhat, (Dr) N. R., 31
(Dr) P. N., 31
Bhatele, I. D., 32
Bhati, R. S., 32
Bhatia, B. B., 235
K. G., 32
(Dr) L. J., 32
Bhatnagar, C. P., 33
(Dr) H. P., 33
(Dr) R. D. S., 33
(Dr) S. P., 34
V. B., 235
Bhattacharjee, (Mrs) M., 34
Bhattacharya, M. K., 34
Bhattacharyea, B. B., 34
Bhimachar, (Dr) B. S., 34
Bhore, K. M., 35
Bhowal, (Dr) J. G., 35
Bhowmik, D. K., 35
Bhumbla, (Dr) D. R., 36
Bhuvaneshwar Singh, 235
Bindra, (Dr) O. S., 36
Bir, S. S., 36
Biswas, (Dr) S., 36
Bodapati, R. N., 37
Bodhade, S. N., 37
Borthakur, (Dr) D. N., 37
Bose, (Dr) A. N., 38

Brahm Dutt, 38
Buch, (Dr) N. C., 236
Burande, D. R., 38

Chacko, A. J., 39
(Dr) C. I., 39
(Miss) S., 236
Chadha, Y. V., 39
Chaganti, (Dr) R. S. K., 39
Chahal, M. S., 40
Chakravarti, A., 40
(Dr) B. P., 40
Chakravarty, A. K., 41
Chand, (Dr) J. N., 41
Chanda, P. K., 236
Chandan, (Dr) R. C., 41
Chandra, (Dr) S., 41
Chandrasekaran, A., 42
S., 42
Chandrasekharan, K. P., 236
Chandrathil, G. K., 42
Chatrath, M. S., 43
Chattoraj, (Dr) A. N., 43
Chaturvedi, G. C., 43
J. N., 237
Chaudhari, N. R., 43
Chauhan, A. K., 44
(Dr) K. S., 44
K. V. S., 44
P. S., 44
Chet Ram, 44
Chinnadurai, M. A., 45
Chopde, P. R., 45
Chopra, (Dr) R. N., 45
Choudhary, S. S., 46
Chowdhari, A. N., 46
Chowdhury, S. N., 46
Chowdury, D. K., 46
Clerk, K. H., 47

Dabral, B. G., 48
Dahiya, (Dr) R. S., 48
Damodaran, S., 48
Dani, N. I., 49
Daniel, J., 49
S. S., 49
Daran, (Dr) D. V., 49
Das, D. C., 50
L., 237
(Dr) R. C., 237
R. R., 50
(Dr) S. M., 50
(Dr) V. S. R., 50
(Dr) V. M., 51
Das Gupta, B. R., 51
Datt, (Dr) N. S., 51
Datta, (Dr) N. P., 52
P., 52
(Dr) R. M., 52
Dattaray, (Dr) (Miss) P., 52
Dave, A. K. D., 237
David, (Dr) A., 53
Dayaa Krishna, (Dr), 53
Dayanand, 53
De, B. N., 53
(Dr) S. K., 54
Deo, (Dr) P. G., 54
Deodikar, (Dr) G. B., 54
Deorani, V. P. S., 238
Desai, A. M., 55
B. B., 55
(Dr) R. N., 55
Deshmukh, Y. S., 55
Deshpande, G. R., 56
S. B., 56
S. D., 56
Devendra Kumar, 56
Dhar, S., 238
Dharam Vir, 238
Dharamasingh, D. J., 57
Dharmarajan, (Dr) M., 238
Dhillon, J. S., 57
K. S., 57
Dhingra, K. K., 57
Dnyansagar, (Dr) V. R., 58
Dube, D. M., 58
Duggal, (Dr) S. L., 58
Durairaj, G., 58
Durve, (Dr) V. S., 59
Dutta, S. M., 59
Dwivedi, J. N., 59
J. N., 239
(Dr) S. N., 239

Eapen, P. K., 60

Fallahuddin, 61
Farooq, (Dr) A., 61
Farooqi, T. N. A., 61
Fenn, J. J., 61

Gahlot, P. N. S., 63
Gandhi, O. P., 63
Ganesh, R., 63
Ganguly, (Dr) N. C., 63
Gangwar A. C., 64
Garde, V. R., 64
Garg, A. C., 64
B. S., 65
(Dr) J. S., 239

Gaur, (Dr) A. C., 65
Gautam Dev, (Dr), 66
Gawai, V. G., 65
Ghafoor, M. A., 66
Ghai, (Dr) V. B., 66
George, M. J., 67
Ghan, (Mrs) S. P., 67
Ghildyal, (Dr) B. P., 67
Ghosh, A. B., 67
(Dr) A., 68
(Dr) D., 68
N., 69
S., 69
S. P., 69
T. K., 69
Ghoshal, M. L., 70
Gopalakrishnan, (Dr) Mrs S., 70
(Dr) V., 70
Goswami, B. K., 71
(Dr) S. K., 70
Govindaswami, (Dr) S., 71
Grover, (Dr) R. K., 71
Gujar, K. D., 72
Gulabani, S. K., 72
Gulati, O. P., 72
Gupta, (Dr) A. B., 73
A. P., 72
(Dr) B. S., 73
(Dr) C. S., 73
(Dr) H. C., 73
K. N., 74
M. L., 239
(Dr) M. P., 74
P. C., 74
P. P., 240
(Dr) R., 75
R. C., 75
(Dr) R. K., 74
(Dr) S. C., 75
Gupte, S. C., 76
Gurtu, A. K., 76

Hakk, (Dr) M. A., 77
Hameed, S. F., 77
Hans Kumar, 77
Hanumantharao, (Dr) K., 78
Hanumappa, P., 78
Harbhajan Singh, 79
Hari Kishore, (Dr), 79
Hari Singh, 79
Hariharan, K., 79
Hegde, V. R., 240
Honmode, J. D., 80
Hosakere, K. M., 80
Husain, Z., 80
Hussainy, S. U., 80

Ingley, P. M., 81
Iyengar, R. L. N., 240

Jain, B. K. S., 82
B. P., 82
M. B., 82
N. C., 83
(Dr) N. K., 240
(Dr) P. C., 83
S. C., 83
Jamuar, M. P., 83
Jandial, J. R., 84
Jangi, (Dr) B. S., 84
Jassal, N. S., 84
Jauhar, (Dr) P. P., 241
Javeid, G. N., 84
Jayaraj, M. S., 85
Jeyachandran, K., 85
Jha, (Dr) S. N., 85
Johari, M. P., 241
John, (Dr) V. T., 241
Joshee, (Dr) A. K., 85
Joshi, (Dr) A. C., 86
(Dr) L. M., 86
(Dr) N. C., 86

Kadreker, S. B., 87
Kaikini, A. S., 87
Kakde, J. R., 87
Kalamkar, (Dr) R. J. K., 242
Kalangi, (Dr) C. J., 88
Kalayya, (Dr) K., 88
Kalia, (Dr) H. R., 88
Kalra, A. N., 89
Kalyanasundaram, (Dr) R., 89
Kamalapur, S. K., 89
Kamat, M. N., 90
Kamdar, (Mrs) H. M., 90
Kanaujia, A. S., 90
Kanherikar, V. G., 90
Kanwar, (Dr) J. S., 91
(Dr) K. C., 91
Kapil, (Dr) R. P., 91
Kapoor, C. M., 92
P. N., 92
Kapur, D. P., 92
(Dr) N. S., 92
Karamchandani, K. P., 93
Karandikar, (Dr) K. R., 93
Karapurkar, (Dr) H. Y., 93
Karihaloo, A. K., 93
Karnik, (Dr) C. R. K., 94
Katyal, S. K., 94

Kaul, (Dr) A. K., 94
(Dr) R. N., 242
R. N., 95
Kaura, G. R., 94
Kavadia, V., 95
Kesava, N., 95
Kewalramani, (Dr) H. G., 95
Khadilkar, T. R., 96
Khajuria, H., 96
Khan, A. R., 96
(Dr) T. R., 242
Khandekar, S. S , 97
Khanna, (Dr) P. K., 97
(Dr) S. S., 97
Kharbanda, K. L., 97
Khatib, (Dr) S. M. H., 98
Khedekar, P. K., 98
Khoshoo, (Dr) T. N., 98
Khurana, (Dr) J. S., 98
Kirpekar, C. S., 99
Kitkaru, R. D., 243
Kolhe, A. K., 243
Kothandaraman, G. V. N., 99
Kovatal, G. V., 99
Krishnamurthi, (Dr) S., 99
Krishnan, (Dr) G., 100
Krishnaswami, (Dr) S., 100
Kshetrapal, (Miss) S., 100
Kukreti, P. D., 100
Kulkarni, D. B., 101
D. H., 101
D. M. R., 101
D. R., 101
R. T., 101
(Dr) U. K., 102
Kumar, B B., 243
(Dr) D., 243
(Dr) I., 102
K., 243
(Dr) S., 102
V. K., 244
Kumaran, (Dr) J. D. S., 103
Kundu, (2/Lt) P. B., 103
Kurian, (Dr) C. V., 103
(Mrs) T., 103
Kurup, U. G., 104
Kushwaha, J. S., 244

Lahiri, (Dr) A. N., 105
Lakshmanan, A., 105
T., 105
Lakshminarasimhan, A., 105
Lal, (Dr) M. S., 106
R. K., 106
T. B., 106
Lall, H. K., 106
Lathker, V. V., 244
Lavania, G. S., 106
Laximikant, (Dr) R. H., 107

Macwan, J. S., 108
Madappa, P. P., 108
Madhavan Nair, S. N., 108
Mahajan, K. K., 244
Mahalingam, P. K. 108
Mahapatrao, (Dr) B. B., 109
Maheshwari, (Dr) P., 109
(Dr) S. C., 109
Mahindra, O. P., 109
Majumdar, (Dr) B. N., 110
(Dr) J. C., 110
Majumder, B., 245
Majupuria, (Dr) T. C., 110
Makhijani, (Dr) J. K., 111
Malhotra, M. N., 111
Y. R., 111
Malik, (Dr) B. S., 112
R. S., 112
Mall, (Dr) L. P., 112
Mallarajars, V. M., 245
Mankad, D. J., 112
Mann, (Dr) H. S., 113
Mannikar, (Dr) N. D. R., 113
Manohar, (Dr) M. S., 113
Mariakulandia, (Dr) A., 113
Mariasusai, J. M., 114
Mathai, K. P., 114
Mathew, (Dr) K., 114
(Mrs) M., 114
Mathur, C. S., 245
(Dr) R. S., 114
(Dr) S. N., 115
Mazumder, N. K., 115
Meenakshisundaram, P. T., 115
V., 116
Mehra, (Dr) K. L., 116
Mehta, R. K., 116
U. R., 116
Memon, H. L., 116
Michael, A. M., 246
Mishra, (Dr) B., 117
(Dr) M. N., 117
R. R., 246
Misra, B., 117
(Dr) D. K., 118
(Dr) S. G., 118
S. K., 246
Mithuji, G. F., 246
Mitra, (Dr) E., 118
(Dr) G. N., 119

Mitra, (Dr) (Mrs) M., 119
Mittal, S. P., 119
V. N., 119
Modha, (Dr) V .V., 120
Mohamed Sulaiman, 120
Mohanty, B. B., 120
Mohapatra, K. N., 121
Mohteda, S. N., 121
Mosi, A. D., 122
Mudholkar, N. K. J. K., 122
Mukerji, (Dr) K. G., 122
Mukherjee, I. M., 247
(Dr) S., 122
(Dr) S. K , 122
S. K., 123
Mukhopadhaya, D. P., 123
Mukhopadhyay, N., 123
(Dr) S. K., 124
Murthy, (Dr) V. S., 247
Murti, (Dr) N. C. C., 124
Murty, (Dr) K. S,, 247

Nagabhushanam, (Dr) R., 125
Nagabhushanarao, M. V., 125
Nagamia, M. H., 125
Nagpal, R. K., 125
Naha, (Dr) P. M , 126
Nahvi, M. H., 126
Naik, M. N., 247
Nainie, (Dr) (Miss) M., 126
Nair, (Mrs) A. L., 126
C. P. G., 127
K. K. P. S., 127
M. P. R., 127
(Dr) P. G., 127
P. N. R., 128
P. V. R., 128
Nambiar, A. K. K., 128
Namboodiry, K., 128
Nambudripad, (Dr) V. K. N., 128
Nandanwankar, K. G., 129
Narain, (Dr) A., 129
Naralasethi, V. K., 129
Narang, M. M., 129
Naranjan Singh, 130
Narasimhan, R., 130
Narasingarao, M. B. V., 130
Narayan, (Dr) K. N., 130
Narayanasamy, (Dr) P. N., 131
Narayen, R., 131
Nariani, T. K., 131
Nasare, W. L., 131
Nashikkar, G. M., 131
Natarjan, C. P., 132
Nath, (Dr) O., 132
Nath, (Dr) P., 132
Nautiyal, S. P., 248
Nawathe, D. R., 133
Nayar, (Dr) N. M., 133
Nayudu, (Dr) M. V., 133
Neelakantan, L., 134
Nema, K. G., 133
Nene, (Dr) Y. L., 134
Nigam, H. C., 135
P. N., 134
Nikam, P. G., 248
Nilakantan, P. R., 135
Nirmal, H. B., 135
Nirula, (Dr) K. K., 135
Nrapendra Nath, 248

Oak, W. S., 136
Ogra, J. L., 136
Ojha, S. N., 136
T. P., 136
Oonnithan, (Dr) E. S., 248

Padma Kumar, P. D., 137
Pal, (Dr) A. K., 137
R., 137
S. K., 137
Palani, E., 138
Palit, G. G., 138
Panchaksharappa, M. G., 138
Panday, A. C., 138
Pande, D. N., 139
(Dr) H. K., 139
J. K., 139
N. C., 140
Pandey, B. R., 140
J., 140
Pandit, R. V., 140
Pandurangarao, C. C., 249
Pani, S. N., 249
Panje, R. R., 249
Pant, (Dr) C. P., 249
Pantulu, V. R., 140
Panwar, C. D., 140
Parasuram, N. A., 141
Patel, (Dr) B. M., 250
C. M., 250
(Dr) H. K., 250
(Dr) J. R., 141
K. R., 141
(Miss) K. K., 141
M. P., 142
(Dr) R. C., 251
(Dr) R. J., 142
(Dr) R. M., 251
(Dr) T. D., 251

Patel, V. C., 252
Y. G. M., 142
Pathak, R. C., 142
Patil, B. N., 143
B. V., 143
D. G., 143
K. A., 144
R. F., 144
R. S., 143
R. Y., 144
S. D., 144
S. H., 145
Pattanaik, (Dr) S., 145
Paul, (Dr) T. M., 252
Philip, T. J., 145
Philipose, (Dr) M. T., 145
Pillai, (Dr) K. M., 146
S. K., 146
Pillay, (Dr) K. S., 146
Ponnuswami, M. K., 146
Prabhu, (Dr) M. S., 147
Pradhan, S. K., 147
(Dr) S., 147
Prajapati, S. S., 147
Prasad, (Dr) B. N., 148
J., 148
(Dr) N., 252
N. N., 148
(Dr) R., 149
(Dr) R. R., 148
Prasada, (Dr) R., 149
Prashar, (Dr) C. R. K., 149
Premi, P. R., 150
Premsekar, S., 150
Puri, (Dr) D. N., 150
Purohit, (Dr) M. S., 252
Purushotham, (Dr) A., 150
Pushkarnath, (Dr), 151
Rachakonda, (Mrs) S., 152
Radhakrishnan, (Dr) N., 152
Rahi, G. S., 152
Rahim, A., 152
Rahudkar, W. B., 152
Rai, P., 153
R. B., 153
Raichoudhury, D. P., 153
Raikar, R. K., 253
Raina, (Dr) N. N., 154
Raj, J. S., 154
Rajasekaran, P., 154
Raje, Y. B., 155
Rajendra Singh, 155
Rajkondawar, P. L., 155
Raj Nawinder Pal, 253
Rajorhia, G. S., 155
Rajya, (Dr) B. S., 156
Rakshpal, (Dr) R., 156
Ramachandran, (Dr) M., 156
P. K., 157
(Dr) S., 157
Ramachar, (Dr) P., 157
Ramakrishnan, (Dr) L., 253
(Dr) P. S., 157
Ramalingeswararao, K., 158
Ramamurthy, A. K., 158
Ramanarao, B. V., 158
Ramappa, B. S., 158
Ramarao, Y., 159
Ramaswamy, (Dr) K. R., 159
Ramchandra, 159
Ranade, V. D., 160
Ranadive, (Dr) S. J., 160
Rangan, R. S., 254
Ranganath, K. A., 160
Ranganathan, (Dr) B., 160
Rangaswami, (Dr) G., 160
Ranhotra, (Dr) G. S., 161
Ranjhan, S. K., 161
Rao, (Dr) A. R., 161
(Dr) A. S., 161
B. M., 162
C. A., 162
C. S., 162
(Dr) C. S. S., 254
C. V., 163
D. S. P., 163
J. S., 163
(Dr) J. T., 163
N. V., 164
S. B., 164
S. M., 164
S. R., 254
Y. S , 164
Rath, (Dr) N., 165
Rathnasabapathy, (Dr) V., 254
Raut, (Dr) R., 165
Ravindran, K., 165
Ray, B. N., 166
B. R., 165
(Dr) N., 166
(Dr) S., 166
Reddi, B. S , 166
(Dr) V. R., 255
Reddy, C. S., 167
G. M., 255
(Dr) G. M., 167
M. S., 167
P. N., 255
Richharia, A. K., 168
Rolla, S. R., 168

Roonwal, (Dr) M. L., 168
Roy, (Dr) D. N., 169
K., 168
R. S., 169
(Dr) S. E., 169

Sadanand, A. V., 171
Saha, (Dr) B., 255
(Dr) K. C., 171
Sahai, R., 171
(Dr) R., 172
Y. N., 172
Sahrawat, N. S., 255
Sahu, D. P., 172
J. P., 172
Sakal Ram, 173
Sakalkale, R. V., 173
Sakhuja, (Miss) V., 173
Samantarai, (Dr) B., 173
Sampath, S. R., 174
Sampathkumaran, M. S., 256
Samuel, (Dr) C. T., 174
Sangal, P. M., 256
Sankaran, (Dr) T., 174
Sarbhai, (Dr) D. S., 174
Sareen, (Dr) M. L., 175
Sarin, (Dr) M. N., 175
Sarkar, (Dr) K. K., 175
Sasan, H. S., 176
Sastri, (Dr) R. L. N., 175
Sastry, M. V. S., 176
Satchidanandam, V., 256
Sathe, (Dr) A. M., 176
Sathiarajan, R., 176
Satyanarayan, T. V., 177
Savadamuthu, 177
Saxena, A. S., 177
B. N., 177
(Dr) D. B., 257
G. K., 178
(Dr) K. M. S., 178
(Dr) M. C., 178
O. P., 178
Sehgal, (Dr) H. S., 179
K. L., 179
(Dr) S. P., 179
Sekharan, K. V., 179
Sekhon, (Dr) G. S., 179
Sen, A. K., 180
A. K., 180
(Dr) D. N., 180
G. C., 181
(Dr) P. K., 181
(Dr) U., 181
Sengar, M. S., 182
Sen Gupta, (Dr) P. K., 182
Sermadevi, R. S., 182
Seshadri, (Dr) B. S., 182
Seshan, K. R., 183
Seshu, (Dr) D. V., 183
Sethi, A. P., 183
Settigiri, N. R., 183
Shah, (Dr) C. B., 256
(Dr) J. J., 183
(Dr) V. C., 184
Shahi, R. K., 184
R. S., 184
Shandilya, M. K., 184
Shant, P. S., 185
Sharieff, H., 185
Shariff, A. T., 185
Sharma, (Dr) A. K., 185
(Dr) B. B., 186
(Dr) B. S., 186
(Dr) C. P., 186
(Dr) D. C., 187
D. K., 187
D. N., 257
(Dr) G. L., 188
(Dr) G. P., 187
G. S. D., 188
H. R., 188
I. J., 189
(Dr) J. C., 188
K. P., 189
L. P., 189
M. D., 189
(Dr) N. N., 190
P. L., 190
P. V., 190
R. A., 190
S., 191
S. K., 258
(Dr) U. D., 191
V. K., 191
V. K., 257
(Dr) V. V., 191
Sheopuria, R. R., 191
Shetty, H. P. C., 192
Shitole, C. B., 192
Shivanna, K. R., 192
Shrinivas, R. B., 192
Shukla, (Dr) P. C., 258
R. K., 258
S. P., 193
Siddiqi, (Dr) M. R., 193
(Dr) O., 193
Simon, K. J., 258
Sindgi, B. H., 193
Singh, C., 194

Singh, (Dr) C., 194
(Dr) D., 194
G., 195
(Dr) G. R., 195
(Dr) J. N., 195
(Dr) J. P., 195
J. S., 196
(Dr) K., 196
(Dr) K. B. P., 196
(Dr) M., 197
N. N., 197
(Dr) N. P., 197
O., 198
(Dr) P., 198
(Dr) R., 200
R. A., 259
R. G., 199
R. G. P. S., 259
R. M., 259
(Dr) R. M. M., 198
(Dr) R. N., 258
(Dr) R. P., 198
(Dr) R. P., 199
R. P., 199
S., 199
S. K., 260
S. M., 200
(Dr) S. N., 259
(Dr) S P., 200
(Dr) S. S., 200
V. B., 201
V. P., 201
Singh-Roy, (Dr) K. K., 201
Sinha, (Dr) A. K., 201
B. B., 202
B. K., 202
M., 203
(Dr) M. N., 202
R., 202
Sitaramaiah, K., 203
Sohi, H. S., 260
Solanki, M. S., 203
Solomon, (Dr) S., 203
Soni, S. K., 203
Sood, S. K., 204
Sreenivasan, (Dr) A., 204
Sreeramulu, (Dr) T., 204
Srinivasan, V., 260
Srivastava, (Dr) D. N., 205
G. P., 205
(Dr) P. N., 205
(Dr) P. N., 205
S. C., 260
(Dr) S. K., 205
V. P., 206
Stevenson, S. A., 260
Subrahmanyam, (Dr) M., 206
Subrahmanyan, (Dr) R., 206
Subramanian, P., 207
(Dr) S., 207
(Dr) S. S., 207
Subramanya, B. R., 207
Sulochanan, P., 208
Sundaresan, (Dr) D., 208
Surender Kumar, (Dr), 261
Suryanarayana, M. C., 208
Swami, (Dr) K. S., 208
Swamy Rao, A. A., 209

Tambat, R. V., 210
Tamizuddin, M., 210
Tampi, S., 210
Tandon, (Dr) K. K., 210
(Dr) R. N., 210
(Dr) R. S., 211
(Dr) S. L., 211
Tavakari, S. C., 211
Teotia, (Dr) T. P. S., 211
Tewari, (Dr) H. B., 212
Thakur, B. S., 261
(Dr) D. R., 261
R. N., 212
R. N., 212
Thangam, (Miss) M. S. N., 213
Thangavelu, T. K., 213
Thapar, S. R., 213
Thomas, P. S., 214
Thosre, J. G., 214
Thottappilly, G. K., 214
Thulasidas, G., 214
Titak, (Dr) S. T., 215
Tiwari, (Dr) B. P., 215
K. P., 215
Tripathi, (Dr) J. C., 261
K., 215
K. S., 216
S. M., 262
S. S., 216
Tripathy, (Dr) S. B., 216
Tyagi, I. J , 262
(Dr) R. S., 216
(Dr) V. S., 217

Ubgade, S. R., 218
Udai Narain, 218
Ummerkutty, (Dr) A. N. P., 218
Unnithan, R. R., 262
S. K., 218
Upadhaya, L. P., 219
Upadhyay, (Dr) J., 219

Upadhyay, J. P., 220
Upadhyaya, S. R., 219
Uppal, (Dr) H. L., 262
Uprety, D. C., 262
Utikar, P. G., 263
Uttam Prakash, (Dr), 220

Vadlamudi, (Dr) S. K., 221
Vaish, C. P., 221
S. S., 221
Vanchinathan, K., 222
Varma, (Dr) A. K., 222
(Dr) R. P., 222
(Dr) S. C., 222
Vasudev, T., 223
Vazirani, T. G., 223
Ved Singh, 223
Vedamuthu, (Dr) E. R., 263
Vedanayakam, A. R., 223
Venkatesh, (Dr) C. S., 224
Venkatesho, M. V., 224
Venugopalan, (Dr) V. K., 224
Verghese, C. G., 225
Verma, (Dr) G. P., 263
(Dr) O. P., 225
O. S., 225
Verma, P. R., 225
S. C., 225
S. S., 263
Vinod Shankar, 225
Virendra Kumar, 226
Virley, R. M., 226
Vishnoi, (Dr) H. S., 226
Viswanadham, G., 226
Vyas, (Dr) S. H., 264
(Dr) S. K. R., 226
Y. R., 264

Wadhi, S. R., 227
Wagh, (Dr) S. K., 227
Waratkar, V. B., 227

Yadagiri, N., 228
Yadav, I. D., 264
(Dr) J. S. P., 228
U. K., 264
Yamdagni, R., 228
Yardi, H. V., 228

Zafarullah, M., 229
Zaidi, A. A., 229
Zunjarwad, R. V., 229

SUBJECT INDEX

AGRICULTURE

Abdur Rahim, 152
Agarwal, G. S., 18
Y. K., 19
Ahuja, L R., 21
Ananthasayana, K., 22
Appadurai, R., 22
Azad, K. C., 23
Badhe, N. N., 24
Bhagwati Prasad, 29
Bhardwaj, (Dr) B. D., 29
Bhaskaran, A. R., 31
Bhat, (Dr) N. R., 31
Bhatia, (Dr) L. J., 32
Bhatnagar, (Dr) V. B., 235
Bhattacharjee, (Mrs) M., 34
Battacharya, M. K., 34
Bhore, K. M., 35
Bhowmik, D. K., 35
Bhumbla, (Dr) D. R., 36
Biswas, (Dr) S., 36
Burande, D. R., 38
Chakravarti, (Dr) B. P., 40
Chand, (Dr) J. N., 41
Chanda, P. K., 236
Chandrasekaran, A., 42
S., 42
Chauhan, A. K., 44
P. S., 44
Chinnadurai, M A., 45
Chowdhury, S. N., 46
Dabral, B. G., 48
Das Gupta, B. R., 51
Datta, (Dr) R. M., 52
Dave, A. K. D., 237
Desai, A. M., 55
Deshpande, G. R., 56
Dutta, S. M. 59
Garg, A. C., 64
Gaur, (Dr) A. C., 65
Gautam Dev (Dr), 66
Gawai, V. G., 65
Ghildyal, (Dr) B. P., 67
Ghosh, N., 69
Gulabani, S. K., 72
Gupta, (Dr) H. C., 73
K. N., 74
Jain, B. K. S., 82
N. C., 83
Kalamkar, (Dr) R. J. K., 242
Kalangi, (Dr) C. J., 88
Kapoor, C. M., 92
Kaul, (Dr) A. K., 94
Kaura, G. R., 94
Kesava, N., 95
Kitkaru, R. D., 243
Mannikar, (Dr) N. D. R., 113
Misra, (Dr) D. K., 118
Mukhopadhyay, N., 123
Narang, M. M., 129
Naranjan Singh, 130
Narayanasamy, (Dr) P. N., 131
Nariani, T. K., 131
Nasare, W. L., 131
Nikam, P. G., 248
Oak, W. S., 136
Pande, N. C., 140
Pant, (Dr) C. P., 249
Patel, K. R., 141
(Dr) R. M., 251
Patil, B. N., 143
S. H., 145
Prasad, N. N. 148
Premi, P. R., 150
Rahi, G. S., 152
Rai, R. B., 153
Rajasekaran, P., 154
Ramakrishnan, (Dr) L., 253
Ramamurthy, A. K., 158
Rao, C. S., 162
(Dr) C. S. S., 254
Reddy, M. S., 167
P. S., 167
Richharia, A. K., 168
Roy, K., 168
Sakal Ram, 173
Sakalkale, R. V., 173
Saxena, G. K., 178
Sekhon, (Dr) G. S., 179
Sengar, M. S., 182,
Sermadevi, R. S., 182
Shah, (Dr) C. B., 256
Sharma, I. C., 189
(Dr) J. C., 188
V. K., 191

Sheopuria, R. R., 191
Singh, G., 195
(Dr) J. N., 195
R. G. P. S., 259
R. P., 199
(Dr) S. S., 200
Sinha, B. K., 202
Srivastava, (Dr) D. N., 205
Subramanian, (Dr) S. S., 207
Sundaresan, (Dr) D., 208
Tambat, R. V., 210
Tamizuddin, M., 210
Thakur, R. N., 212
Thottappilly, G. R., 214
Tripathi, K., 215
K. S., 216
Upadhyay, (Dr) J., 219
J. P., 220
S. R., 219
Utikar, P. G., 263
Vaish, C. P., 221
Verma, O. S., 225
P. R., 225
Virendra Kumar, 226
Vyas, Y. R., 264
Yadav, I. D., 264
(Dr) J. S. P., 228

AGRICULTURAL CHEMISTRY

Chinnadurai, M. A., 45
Datta, (Dr) N. P., 52
De, (Dr) S. K., 54
Garg, A. C., 64
Ghosh, A. B., 67
Ghosh, S., 69
Gupta, M. L., 239
Kadrekar, S. B., 87
Kanwar, (Dr) J. S., 91
Kapur, (Dr) N. S., 92
Kaura, G. R., 94
Mahalingam, P. K., 108
Misra, (Dr) S. G., 118
Mosi, A. D., 122
Ranadive, (Dr) S. J., 160
Rao, B. M., 162
C. A., 162
Reddy, C. S., 167
Roy, (Dr) D. N., 169
Sreenivasan, (Dr) A., 204
Tripathi, S. S., 216
Verma, (Dr) G. P., 263
Viswanadham, G., 226
Vyas, Y. R., 264
Yadagiri, N., 228

AGRICULTURAL ECONOMICS

Agrawal, (Dr) B. L., 20
Bhagwati Prasad, 29
Bhowmik, D. K., 35
Chaturvedi, (Dr) J. N., 237
Gangwar, A. C., 64
Garg, (Dr) J. S., 239
Gupta, (Dr) M. P., 74
Jha, (Dr) S. N., 85
Kukreti, P. D., 100
Madappa, P. P., 108
Mann, (Dr) H. S., 113
Meenakhisundaram, V., 116
Patel, C. M., 250
Patil, D. G., 143
Ramachandran, (Dr) M., 156
Ramchandra, 159
Rath, (Dr) N., 165
Sarkar, (Dr) K. K., 175
Shahi, R. K., 184
Shukla, R. K., 258

AGRICULTURAL ENGINEERING

Abrol, (Dr) I. P., 18
Banerjee, A. K., 25
Das, D. C., 50
Deshpande, S. B., 56
Fenn, J. J., 61
Gandhi, O. P., 63
Gulati, O. P., 72
Hans Kumar, 77
Hanumappa, P., 78
Kaul, (Dr) R. N., 242
Mallarajars, V. M., 245
Michael, A. M., 246
Ojha, T. P., 136
Pandey, A. C., 138
Patel, M. P., 142
Roy, (Dr) S. E., 169
Savadamuthu, 177
Swamy Rao, A. A., 209

AGRONOMY

Agarwal, (Dr) J. P., 18
S. K., 19
Ahuja, L. R., 21
Bhaid, (Dr) S. U., 235
Bodapati, R. N., 37

Chauhan, P. S., 44
Choudhary, S. S., 46
Datta, (Dr) N. P., 52
Ghai, (Dr) V. B., 66
Jain, (Dr) N. K., 240
Kakde, J. R., 87
Kalayya, (Dr) K., 88
Kapoor, P. N., 92
Katyal, S. K., 94
Kaul, R. N., 95
Khan, A. R., 96
Khedekar, P. K., 98
Kulkarni, D. R., 101
Lakshmanan, A., 105
Majumdar, (Dr) J. C., 110
Mann, (Dr) H. S., 113
Mariakulandi, (Dr) A., 113
Mehta, U. R., 116
Mishra, (Dr) M. N., 117
Modha, (Dr) V. V., 120
Mudholkar, N. K. J. K., 122
Mukherjee, S. K., 123
Mukhopadhyay, (Dr) S. K., 124
Naik, M. N., 247
Narang, M. M., 129
Pande, (Dr) H. K., 139
Panje, R. R., 249
Parasuram, N. A., 141
Patel, C. M., 250
Patil, R. S., 143
Pillai, (Dr) K. M., 146
Prajapati, S. S., 147
Prasad, (Dr) R., 149
Prashar, (Dr) C. R. K., 149
Puri, (Dr) D. N., 150
Rahudkar, W. B., 152
Ranganath, K. A., 160
Ray, B. R., 165
Ray, (Dr) S., 166
Saxena, (Dr) M. C., 178
Sen, (Dr) P. K., 181
Settigiri, N. R., 183
Sharma, (Dr) B. S., 186
(Dr) N. N., 190
P. V., 190
Singh, (Dr) K., 196
(Dr) M., 197
O., 198
R. M., 259
(Dr) R. P., 198
(Dr) S. N., 259
Sinha, (Dr) M. N., 202
Solomon, (Dr) S., 203
Thakur, R. N., 212
Tiwari, (Dr) B. P., 215
Tiwari, K. P., 215
Tyagi, (Dr) V. S., 217
Yadav, U. K., 264

ANIMAL HUSBANDRY

Abdul Waheed, A. H., 233
Abdur Rekib, 17
Ahluwalia, J. S., 233
S. S., 21
Angelo, S. J., 22
Arora, A. K., 22
V. K., 233
Bajpai, (Dr) P. K., 234
Bamba, V. S., 25
Basu, S. B., 27
Bathla, J. M., 234
Batra, S. S., 27
Bhardwaj, K. R., 30
Bhat, (Dr) P. N., 31
Bhatia, B. B., 235
Bhatele, I. D., 32
Buch, (Dr) N. C., 236
Chahal, M. S., 40
Chauhan, K. V. S., 44
Dayanand, 53
Ghoshal, M. L., 70
Gupta, (Dr) H. C., 73
P. C., 74
Hari Singh, 79
Kamalapur, S. K., 89
Kapoor, C. M., 92
Khurana, (Dr) J. S., 98
Kumar, (Dr) I., 102
Lall, H. K., 106
Makhijani, (Dr) J. K., 111
Mohapatra, K. N., 121
Nagpal, R. K., 125
Nasnikkar, G. M., 131
Nrapendra Nath, 248
Ogra, J. L., 136
Padma Kumar, P. D., 137
Pal, (Dr) A. K., 137
Palit, G. G., 138
Pande, D. N., 139
Patel, (Dr) J. R., 141
Rahi, G. S., 152
Rama, (Dr) N. N., 154
Ranhotra, (Dr) G. S., 161
Ranjhan. S. K., 161
Rao, C. V., 163
Y. S., 164
Rathnasabapathy, (Dr) V., 254
Sharieff, H., 185
Sharma, (Dr) J. C., 188

Sharma, I. J., 189
(Dr) V. V., 191
Sindgi, B. H., 193
Vanchinathan, K., 222
Verma, (Dr) O. P., 225
Vyas, (Dr) S. H., 264

BIOLOGY

Buch, (Dr) N. C., 236
Chacko, (Miss) Susan, 236
Dani, N. I., 49
Dharmaranjan, (Dr) M., 238
Farooq, (Dr) A., 61
George, M. J., 67
Honmode, J. D., 80
Kurian, (Dr) C. V., 103
Macwan, J. S., 108
Naha, (Dr) P. M., 126
Prasad, (Dr) R. R., 148
Rachakonda, (Mrs) S., 152
Raje, Y. B., 155
Ramarao, Y., 159
Reddy, (Dr) G. M., 167
Sakhuja, (Miss) V., 173
Siddiqi, (Dr) O., 193
Virley, R. M., 226

BOTANY

Abraham, (Dr) A., 17
(Dr) T. A., 17
Agarwal, (Dr) R. K., 19
Agashe, (Dr) S. N., 20
Ambasht, (Dr) R. S., 21
Anand, G. P. S., 22
Arya, (Dr) H. C., 23
Babu, (Dr) C. N., 24
Bagde, S. M., 24
Bahl, P. N., 234
Balam, (Dr) B. S., 25
Baruah, (Dr) H. K., 26
Basu, (Dr) R. K., 27
Batcha, G. R., 27
Bharadwaj, (Dr) D. C., 29
Bhargava, (Dr) S. N., 30
Bhat, (Dr) N. R., 31
Bhati, R. S., 32
Bhatnagar, C. P., 33
(Dr) V. B., 235
Bhattacharjee, (Mrs) M., 34
Bhowal, (Dr) J. G., 35
Bir, S. S., 36
Biswas, (Dr) S., 36
Borthakur, (Dr) D. N., 37
Chacko, (Dr) C. I., 39
Chadha, Y. R., 39
Chaganti, (Dr) R. S. K., 39
Chakravarti, A., 40
(Dr) B. P., 40
Chakravarty, A. K., 41
Chand, (Dr) J. N., 41
Chanda, P. K., 236
Chandra, (Dr) S., 41
Chatrath, M. S., 43
Chopde, P. R., 45
Chopra, (Dr) R. N., 45
Daran, (Dr) D. V., 49
Das, R. R., 50
(Dr) V. S. R., 50
Dattaray, (Dr) (Miss) P., 52
Dharam Vir, 238
Deodikar, (Dr) G. B., 54
Deshmukh, Y. S., 55
Dhingra, K. K., 57
Dnyansagar, (Dr) V. R., 58
Falahuddin, 61
Gahlot, P. N. S., 63
Ghan, (Mrs) S. P., 67
Ghosh, (Dr) D., 68
Ghosh, T. K., 69
Gopalakrishnan, (Dr)
(Mrs) S., 70
Goswami, (Dr) S. K., 70
Govindaswami, (Dr) S., 71
Grover, (Dr) R. K., 71
Gupta, (Dr) A. B., 73
R. C., 75
(Dr) R. K., 74
(Dr) S. C., 75
Gurtu, A. K., 76
Harbhajan Singh, 79
Hari Kishore (Dr), 79
Jain, B. P., 82
Jandial, J. R., 84
Jauhar, (Dr) P. P., 241
Javeid, G. N., 84
John, (Dr) V. T., 241
Joshi, (Dr) A. C., 86
(Dr) N. C., 86
Kalia, (Dr) H. R., 88
Kalyanasundaram, (Dr) R., 89
Kamat, M. N., 90
Kamdar, (Mrs) H. M., 90
Karnik, (Dr) C. R. K., 94
Khandekar, S. S., 97
Khanna, (Dr) P. K., 97
Kshetrapal, (Miss) S., 100
Kulkarni, (Dr) U. K., 102
Kumar, (Dr) D., 243

Kumar, K., 243
Kushwaha. J S., 244
Lahiri, (Dr) A. N., 105
Lal, (Dr) M S., 106
R. K., 106
T. B., 106
Lavania, G. S , 106
Maheshwari, (Dr) P., 109
(Dr) S. C., 109
Mahindra, O. P., 109
Majumdrer, B., 245
Mall, (Dr) L. P., 112
Mariasusai, J. M., 114
Mathew, (Dr) K., 114
Mathur, (Dr) S. N., 115
Mehra, (Dr) K. L., 116
Mitra, (Dr) E., 118
(Dr) G. N., 119
(Dr) (Mrs) M. (Nee Kundu), 119
Mittal, S. P., 119
Modha, (Dr) V. V., 120
Mohamed Sulaiman, 120
Mukerji, (Dr) K. G., 122
Mukherjee, I. M., 247
Murthy, (Dr) V. S., 247
Murty, (Dr) K. S., 247
Naik, M. N., 247
Nair, P. N. R., 128
Namboodiry, K., 128
Nandanwankar, K. G., 129
Narain, (Dr) A., 129
Narasingarao M. B. V., 130
Narayan, (Dr) K. N., 130
Narayanasamy, (Dr) P. N., 131
Nayar, (Dr) N. M., 133
Nayudu, (Dr) M. V., 133
Nema, K. G., 133
Neelakantan, L., 134
Nene, (Dr) Y. L., 134
Nigam, P. N., 134
Panchaksharappa, (Dr) M. G., 138
Panje, R. R., 249
Patel, (Dr) R. J., 142
Patil, S. D., 144
Pattanaik, (Dr) S., 145
Philipose, (Dr) M. T., 145
Prasad, (Dr) B. N., 148
(Dr) N., 252
Prasada, (Dr) R., 149
Premeskar, S., 150
Ramachar, (Dr) P., 157
Ramakrishnan, (Dr) P. S., 157
Ramalingeswararao, K., 158
Ramanarao, B. V., 158
Rangaswami, (Dr) G., 160
Rao, (Dr) A. S., 161
D. S. P., 163
J. S., 163
J. T., 163
S. B., 164
Raut, (Dr) R., 165
Ray, (Dr) N., 166
Reddi, B. S., 166
(Dr) V. R., 255
Reddy, P. N., 255
Rolla, S. R., 168
Saha, (Dr) B., 225
Sahai, (Dr) R., 172
Samantrai, (Dr) B., 173
Sarin, (Dr) M. N., 175
Sastri, (Dr) R. L. N., 175
Sastry, M. V. S., 176
Satyanarayan, T. V., 177
Saxena, A. S., 177
B. N., 177
(Dr) K. M. S., 178
Sehgal, (Dr) H. S., 179
(Dr) S. P., 179
Sen, A. K., 180
(Dr) D. N., 180
(Dr) U., 181
Sen Gupta, (Dr) P. K., 182
Seshu, (Dr) D. V., 183
Sethi, A. P., 183
Shah, (Dr) J. J., 183
Sharma, (Dr) A. K., 185
(Dr) B. B., 186
(Dr) C. P., 186
D. N., 257
(Dr) G. L., 188
K. P., 189
R. A., 190
V. K., 257
Sheopuria, R. R., 191
Shivanna, K. R., 192
Siddiqi, (Dr) M. R., 193
Singh, (Dr) D., 194
(Dr) G. R., 195
J. S., 196
N. N., 197
(Dr) N. P., 197
(Dr) R. M. M., 198
Sinha, (Dr) A. K., 201
Sohi, H. S., 260
Sreeramulu, (Dr) T., 204
Srivastava, (Dr) D. N., 205
G. P., 205
(Dr) S. K., 206
V. P., 206

Subrahmanyam, (Dr) R., 206
Subramanian, P., 207
(Dr) S., 207
Subramanya, B. R., 207
Suryanarayana, M. C., 208
Tandon, (Dr) R. N., 210
(Dr) S. L., 211
Tavakari, S. C., 211
Thangam, (Miss) M. S. N., 213
Thulasidas, G., 214
Titak, (Dr) S. T., 215
Udai Narain, 218
Unnithan, S. K., 218
Upadhaya, L. P., 219
Uprety, D. C., 262
Uttam Prakash (Dr), 220
Vaish, S. S., 221
Varma, (Dr) S. C., 222
Verma, S. C., 225
Vinod Shanker, 225
Vyas, (Dr) S. K. R , 226
Wagh, (Dr) S. K., 227

DAIRYING

Babaria, C. H., 233
Banerjee, A. K., 25
Bathla, J. M., 225
Bhalerao, (Dr) V. R., 29
Bhatele, I. D., 32
Chandan, (Dr) R. C., 41
Clerk, K. H., 47
Dahiya, (Dr) R. S., 48
Dhillon, J. S., 57
Ganguly, (Dr) N. C., 63
Gupta, A. P., 72
(Dr) B. S., 73
P. C., 74
Jain, S. C., 83
Kanaujia, A. S., 90
Kapoor, C. M., 92
Makhijani, (Dr) J. K., 111
Memon, H. L., 166
Nagpal, R. K., 125
Nair, (Dr) P. G., 127
Nambudripad, (Dr) V. K. N., 128
Pande, D. N., 139
Patel, (Dr) B. M., 250
(Dr) J. R., 141
(Dr) T. D., 251
Paul, (Dr) T. M., 252
Premi, P. R., 150
Raina, (Dr) N. N., 154
Raj Nawinder Pal, 253
Rajorhia, G. S., 155
Ranganathan, (Dr) B., 160
Rao, Y. S., 164
Sasan, H. S., 176
Sharma, S. K., 258
Shukla, (Dr) P. C., 258
Sindgi, B. H., 193
Singh, V. B., 201
V. P., 201
Tyagi, (Dr) V. S., 217
Vedanayakam, A. R., 223
Vyas, (Dr) S. H., 264

ENTOMOLOGY

Agarwal, (Dr) R. A., 18
S. C., 19
Asket Singh (Dr), 23
Banerjee, (Dr) S. K., 25
Bhardwaj, G. N., 30
Bhaskaran, (Dr) R., 31
Bhuvaneshwar Singh, 235
Bindra, (Dr) O. S., 36
Bodhade, S. N., 37
Chaturvedi, G. C., 43
Chowdhari, A. N., 46
Dutta, S. M., 59
Farooqi, T. N. A., 61
Garde, V. R., 64
Hakk, (Dr) M. A., 77
Hameed, S. F., 77
Jeyachandran, K., 85
Kalra, A. K., 89
Kapil, (Dr) R. P., 91
Kavadia, V., 95
Khatib, (Dr) S. M. H., 98
Kowtal, G. V., 99
Krishnaswami, (Dr) S., 100
Mohamed Sulaiman, 120
Nasare, W. L., 131
Nirula, (Dr) K. K., 135
Oonnithan, (Dr) E. S., 248
Pal, S. K., 137
Patel, (Dr) H. K., 250
(Miss) K. K., 141
(Dr) R. C., 251
V. C., 252
Pradhan, (Dr) S., 147
Rajkondawar, P. L., 155
Rao, S. R., 254
Sadanand, A. V., 171
Sahu, J. P., 172
Sankaran, (Dr) T., 174
Sharma, P. L., 190
Shrinivas, R. B., 192
Singh, (Dr) J. P., 195

Singh, (Dr) P., 198
Srivastava, (Dr) P. N., 205
Teotia, (Dr) T. P. S. 211
Venkatesho, M. V., 224
Wadhi, S. R., 227
Waratkar, V. B., 227

FISHERIES

Agrawal, (Dr) V. P., 20
Antony Raja, B. T., 22
Bhimachar, (Dr) B. S., 34
Bose, (Dr) A. N., 38
David, (Dr) A., 53
Deshpande, S. D., 56
Dharamasingh, D. J., 57
Durve, (Dr) V. S., 59
Dwivedi, (Dr) S. N., 239
Eapen, P. K., 60
Gopalakrishnan, (Dr) V., 70
Goswami, B. K., 71
Kowtal, G. V., 99
Lakshmanan, T., 105
Meenakshisundaram, P. T., 115
Nair, M. P. R., 127
Pal, R., 137
Palani, E., 138
Pantulu, V. R., 140
Pillay, (Dr) K. S., 146
Pradhan, S. K., 147
Ramarao, Y., 159
Ravindran, K., 165
Saha, (Dr) K. C., 171
Samuel, (Dr) C. T., 174
Sathiarajan, R., 176
Sekharan, K. V., 179
Seshadri, (Dr) B. S., 182
Shariff, A. T., 185
Shetty, H. P C., 192
Sinha, M., 203
Subrahmanyam, (Dr) M., 206
Sulochanan, P., 208
Tampi, S. P. R., 210
Ummerkutty, (Dr) A.N.P., 218
Varma, (Dr) R. P., 222

FOOD TECHNOLOGY

Bhalerao, (Dr) V. R., 29
Bose, (Dr) A N., 38
Dahiya, (Dr) R. S., 48
Garg, B. S., 65
Gaur, (Dr) A. C., 65
Gulabani, S. K. 72
Ingley, P. M., 81
Kapur, (Dr) N. S., 92
Natarajan, C. P., 132
Reddy, G. M., 255
Thomas, P. S., 214
Vedamuthu, (Dr) E. R., 263
Zaidi, A. A., 229

FORESTRY

Beri, R. M., 27
Bhatnagar, (Dr) H. P., 33
Chandrathil, G. K., 42
Chaudhari, N. R., 43
De, B. N., 53
Kothandaraman, G. V. N., 99
Kulkarni, D. H., 101
Sahai, R., 171
Sangal, P. M., 256
Sharma, (Dr) U. D., 191
Solanki, M. S., 203
Tyagi, I. J., 262
Venkatesh, (Dr) C. S., 224
Yadav, (Dr) J. S. P., 228

GENERAL

Basu, M., 26
Duggal, (Dr) S. L., 58
Hariharan, K., 79
Hosakere, K. M., 80
Iyengar, (Dr) R. L. N., 240
Joshi, (Dr) L. M., 86
Kanherikar, V. G., 90
Kapur, D. P., 92
Karamchandani, K. P., 93
Karihaloo, A. K., 93
Karapurkar, (Dr) H. Y., 93
Khadilkar, T. R., 96
Khoshoo, (Dr) T. N., 98
Kolhe, A. K., 243
Krishnamurthi, (Dr) S., 99
Kulkarni, D. B., 101
D. M., 101
R. T., 101
Kumar, V. K., 244
Kumaran, (Dr) J. D. S., 103
Laxmikant, (Dr) R. H., 107
Madhavan Nair, S. N., 108
Mankad, D. J., 112
Misra, B., 117
Nair, (Mrs) A. L., 126
Nainie, (Dr) (Miss) M., 126
Nair, C. P., 127
K. K. P. S., 127
Nambiar, A. K. K., 128

Naralasethi, V. K., 129
Pandey, B. R., 140
Patil, B. V., 143
K. A., 144
R. F., 144
R. Y., 144
Pillai, S. K., 146
Prabhu, (Dr) M. S., 147
Prasad, J., 148
Purushotham, (Dr) A., 150
Pushkarnath, (Dr), 151
Ramachandran, (Dr) S., 157
Ramappa, B. S., 158
Sahu, D. P , 172
Shahi, R. S., 184
Sharma, (Dr) D. C., 187
D. K., 187
G. S. D., 188
L. P., 189
Shitole, C. B., 192
Shukla, S. P., 193
Singh, R. G., 199
S., 199
S. K., 260
Sitaramaiah, K., 203
Thangavelu, T. K., 213
Thapar, S. R., 213
Thosre, J. G., 214
Uppal, (Dr) H. L., 262
Ved Singh, 223
Yardi, H. V., 228

HORTICULTURE

Almaula, P. I., 21
Amin, R. S., 233
Azad, K. C., 23
Barooah, S., 26
Chacko, A. J., 39
Chauhan, (Dr) K. S., 44
Daniel, S. S., 49
Das, (Dr) R. C., 237
Desai, B. B., 55
Ghosh, S. P., 69
Jassal, N. S., 84
Malik, R. S., 112
Manohar, (Dr) M. S., 113
Memon, H. L., 116
Mukhopadhaya, D. P., 123
Narasimhan, R., 130
Ojha, S. N., 136
Pande, N. C., 140
Philip, T. J., 145
Prem Nath (Dr), 132
Rajendra Singh, 155
Rao, S. M., 164
Roy, R. S., 169
Sahrawat, N. S., 255
Sampathkumaran, M. S., 256
Sen, G. C., 181
Shant, P. S., 185
Singh, C., 194
(Dr) K. B. P., 196
(Dr) S. M., 200
Soni, S. K., 203
Sood, S. K., 204
Stevenson, S. A., 260
Thakur, (Dr) D. R., 261
Verma, S. S., 263
Yamdagni, R., 228

STATISTICS

Chowdhury, D. K., 46
Datta, P., 52
Jain, M. B., 82
Mittal, V. N., 119
Sundaresan, (Dr) D., 208

SUGAR TECHNOLOGY

Babu, (Dr) C. N., 24
Bhatia, K. G., 32
Devendra, K., 56
Kalra, A. N., 89
Mukherjee, (Dr) S., 122
Singh, (Dr) G. R., 195

VETERINARY SCIENCE

Abdur Rekib, 17
Ahluwalia, J. S., 233
S. S., 21
Angelo, S. J., 22
Arora, A. K.. 22
V. K., 233
Bajpai, (Dr) P. K., 234
Baig, M. A., 234
Bamba, V. S., 25
Bansal, R. P., 234
Benjamin, B. R., 28
Bhardwaj, K. R., 30
Bhaskaran, (Dr) R., 31
Bhat, (Dr) P. N., 31
Bhatia, B. B., 235
Bhattacharyea, B. B., 34
Brahm Dutt, 38
Buch, (Dr) N. C., 236
Chahal, M. S., 40
Chandrasekharan, K. P., 236
Chet Ram, 44

Damodaran, S., 48
Daniel J., 49
Das, L , 237
Datt, (Dr) N. S., 51
Dayanand, 53
Deorani, V. P. S., 238
Desai, (Dr) R. N., 55
Dhar, S., 238
Dhillon, K. S., 57
Dwivedi, J. N., 57
J. N., 239
Ghafoor, M. A., 66
Gupta, P. P., 240
Hegde, V. R., 240
Johari, M. P., 241
Kaikini, A. S , 87
Kumar, B. B., 243
(Dr) S., 102
Kundu, (2/Lt) P. B., 103
Lakshminarasimhan, A., 105
Lathker, V. V., 244
Mahapatrao, (Dr) B. B., 109
Majumdar, (Dr) B. N., 110
Malhotra, M. N., 111
Malik, (Dr) B. S., 112
Mathur, C. S., 245
Mazumder, N. K., 115
Mehta, R. K., 116
Mishra, (Dr) B., 117
R. R., 246
Misra, S. K., 246
Mithuji, G. F., 246
Mohanty, B. B., 120
Mohteda, S. N., 121
Nagabhushanarao, M. V., 125
Nagamia, M. H., 125
Narayen, R., 131
Nautiyal, S. P., 248
Nawathe, D R., 183
Nilakantan, P. R., 135
Nrapendra Nath, 248
Padma Kumar, P. D., 137
Palit, G. G., 138
Pande, J. K., 139
Pandit, R. N., 140
Pandurangarao, C. C., 249
Pani, S. N., 249
Panwar, C. D., 140
Pathak, R. C., 142
Purohit, (Dr) M. S., 252
Rai, P., 153
Raikar, R. K., 253
Rajya, (Dr) B. S., 156
Ramachandran, P. K., 157
Ranhotra, (Dr) G. S., 161
Rangan, R. S., 254
Rao, (Dr) A. R., 161
N. V., 164
Ray, B. N., 166
Sampath, S. R. I., 174
Satchidanandam, V., 256
Sen, A. K., 180
Shandilya, M. K., 184
Sharma, H. R., 188
M. D., 189
Simon, K. J., 258
Singh, (Dr) C., 194
R. A., 259
(Dr) R. N., 258
(Dr) R. P., 199
Sinha, R., 202
Srinivasan, V., 260
Srivastava, S. C., 260
Surender Kumar (Dr) 261
Thakur, B. S., 261
Tripathi, S. M., 262
Tripathy, (Dr) S. B., 216
Tyagi, (Dr) R. S., 216
Unnithan, R. R., 262
Vadlamudi, (Dr) S. K., 221
Varma, (Dr) A. K., 222
Verghese, C. G., 225
Zunjarwad, R. V., 229

ZOOLOGY

Agrawal, (Dr) V. P., 20
Asket Singh (Dr), 23
Babu, (Dr) K. S., 24
Bahadur, (Dr) J., 25
Behura, (Dr) B. K., 27
Bhaduri, (Dr) J. L., 28
Bhardwaj, G. N., 30
Bhatnagar, (Dr) R. D. S., 33
(Dr) S. P., 34
Bodhade, S. N., 37
Chattoraj, (Dr) A. N., 43
Das, (Dr) S. M., 50
(Dr) V. M., 51
Dayaa Krishna (Dr), 53
Deo, (Dr) P. G., 54
Dube, D. M., 58
Durairaj, G., 58
Ganesh, R., 63
Ghosh, (Dr) A., 68
Goswami, B. K., 71
Gupta, (Dr) C. S., 73
(Dr) R., 75
Hanumantharao, (Dr) K., 78
Husain, Z., 80

Hussainy, S. U., 80
Jain, (Dr) P. C , 83
Jamuar, M. P., 83
Jangi, (Dr) B. S., 84
Jayaraj, M. S., 85
Joshee, (Dr) A. K., 85
Kanwar, (Dr) K. C., 91
Karandikar, (Dr) K. R., 93
Kewalramani, (Dr) H. G., 95
Khajuria, H., 96
Khan, (Dr) T. R., 242
Khanna, (Dr) S. S., 97
Kharbanda, K. L., 97
Kowtal, G. V., 99
Krishnan, (Dr) G., 100
Kurian, (Mrs) T., 103
Kurup, U. G., 104
Mahajan, K. K., 244
Majupuria, (Dr) T. C., 110
Mathai, K. P., 114
Mathew, (Mrs) M., 114
Mathur, (Dr) R. S., 114
Murti, (Dr) N. C. C., 124
Nagabhushanam, (Dr) R., 125
Nahvi, (2/Lt) M. H., 126
Nigam, H. C., 135
Nirmal, H. B., 135
Onkar Nath (Dr), 132
Pal, S. K., 137
Palani, E., 138
Patel, Y. G. M., 142
Ponnuswami, M. K., 146
Radhakrishnan, (Dr) N., 152
Raichoudhury, D. P., 153
Raj, J. S., 154
Rakshpal, (Dr) R., 156
Ramaswamy, (Dr) K. R., 159
Ranade, V. D., 160
Roonwal, (Dr) M. L., 168
Sahai, Y. N., 172
Sarbhai, (Dr) D. S., 174
Sareen, (Dr) M. L., 175
Sathe, (Dr) A. M., 176
Saxena, (Dr) D. B., 257
O. P., 178
Sehgal, K. L., 179
Seshan, K. R., 183
Shah, (Dr) V. C., 184
Sharma, (Dr) G. P., 187
Singh, S. P., 199
(Dr) R., 200
Singh-Roy, (Dr) K. K., 201
Sinha, (Dr) B. B., 202
Srivastava, (Dr) P. N., 205
Subramanya, B. R., 207
Swami, (Dr) K. S., 208
Tampi, S. P. R., 210
Tandon, (Dr) K. K., 210
(Dr) R. S., 211
Teotia, (Dr) T. P. S., 211
Tewari, (Dr) H. B., 212
Tripathi, (Dr) J. C., 261
Ubgade, S. R., 218
Vasudev, T., 223
Vazirani, T. G., 223
Venugopalan, (Dr) V. K., 224
Vishnoi, (Dr) H. S., 226
Zafarullah, M., 229

Now in the advanced stage of compilation

MEN OF LAW IN INDIA

(Distinguished Who's Who)

An illustrated biographical directory introducing nation's promising lawyers

AND

MEN OF LIBRARY SCIENCE & LIBRARIES IN INDIA

A dependable reference volume providing detailed informations about Indian libraries, librarians and men of library science.

FOR INCLUSION OF YOUR BIOGRAPHICAL SKETCH

Please contact for free literature

PREMIER PUBLISHERS (INDIA)

POST BOX 2578
9/6601 Dev Nagar Karol Bagh
New Delhi 5

OUR LATEST PUBLICATIONS

Men of Sciences & Technology in India
(Distinguished Who's Who)
Foreword by Dr Zakir Husain, Vice-President of India

An illustrated biographical directory covering the entire field of Sciences & Technology in India.

Men of Education in India
(Distinguished Who's Who)
Forewords by Shri Raghunath Singh, M.P., Chairman National Shipping Board and Secretary Congress Party in Parliament & Shri Mehr Chand Mahajan, Retired Chief Justice of India

An authenticated reference volume representing about 1 500 nation's most eminent Educationists.

Introduction to Non-linear Control
By Dr. B. Chatterjee MSc., Ph.D.
(Indian Institute of Technology Kharagpur)
(*Under printing*)

Men of Sciences & Technology in India
(Distinguished Who's Who)
(*Second Enlarged Edition*) (*In press*)

OUR FORTHCOMING PUBLICATIONS

Men of Law in India
(Distinguished Who's Who)

An illustrated reference volume introducing nation's eminent lawyers.

Men of Library Science & Libraries in India
(Distinguished Who's Who)

A reference directory providing detailed informations about Indian Libraries. Also a biographical Who's Who of Librarians and Personnel of Library Science in the country. (*Under compilation*)

Distinguished Teachers in India
(Who's Who)

An outstanding work of reference destined to go a long way in the inter-state co-ordination of the reputed Teachers in India.

Men of Medical Sciences in India
(Distinguished Who's Who)

A standard biographical reference work covering the entire field of Medical Sciences in India.

Men in Commerce & Industry
(Distinguished Who's Who)

A complete reference volume representing the most eminent personnel in Commerce & Industry in India.

Research Scholars in India
(Distinguished Who's Who)

A practical and dependable reference book including India's distinguished Research Scholars presently engaged in advanced studies and destined to be India's Men of Tomorrow.

Chartered Accountants in India
(Distinguished Who's Who)

A comprehensive biographical directory accounting the distinguished Chartered Accountants in India.

For full information please contact :

PREMIER PUBLISHERS (INDIA)
P. B. 2578, 9/6601 DEV NAGAR NEW DELHI 5

Donated By
Mr. S E. Oonnithan,
305-Sixth Main Road,
HAL II Stage, Bangalore-560 038.